1. stored procedures for parameter-@

2.table name is a temp table visible only on connection on which it was created #mytable

3. which among the following is a function type
a)timestamp
b) Table
c) xml

4. what is used in cursor for navigation
a. fetch
b. read

5. should function have an open parenthesis or not when .

6. self-join keyword present or not
no

7.sme insert statement qs
Ans:insert into table values (1,'A',null)

8.stored procedures type comes as part of sql server and begin with xp

Ans:exdended

9.sme questions in trigger

Ans:t1,t2,t3

10.if any error in transaction

Ans:rollback

11.syntax for select with subqueries

12.which is not a ddl command?

a)role
b)identity

13.wat iswrong in select statement???
a) from is necessary thng

b) group by may be present

c) order by may

d) some long ans

14.subquery cannot start after

a)from

b) where

c)expression

15.Which one of the following keyword is NOT used with T-SQL cursors?

a. DEALLOCATE
b. FETCH
c. MOVENEXT
d. DECLARE
e. SET

16.which 1 of the following about creationof views in sql server is true?

Ans:views cannot execute stored procedures

17. When are constraints checked on a table with INSTEAD OF and AFTER triggers?

Choice 1

After the INSTEAD OF triggers and before the AFTER trigger

Choice 2

Before an INSTEAD OF trigger set to execute last by sp_settriggerorder

Choice 3

Before the INSTEAD OF and AFTER triggers

Choice 4

Before an INSTEAD OF UPDATE or INSTEAD OF INSERT trigger but after an INSTEAD OF DELETE trigger

Choice 5

After the INSTEAD OF and AFTER triggers

18.which stored procedure is used to get the structure of table created???

a) sp_help

b)sp_helpconstraint

c)sp_source code

d)sp_helptext

19.triggers can be nested to d maximum level 32

20.not data type in procedure

a)timestamp

b)blob

c)bigint

d) XML

21. reference integrity constraint tat establishes relation bet tables

22.constraints check the validity for ddl operations:true

23.smething related with row ans:entity

24.SME THIMG WITH UNIQUE SET

a)BCNF

B)1NF

C)2NF

D)3NF

I thk it s b(not sure)

Learnt left outer join,trigger,stored procedure,normalization,triggers

Some qs on scalar datatype came

Which datatype has 2GB storage space?
BLOB,NText,Nvarchar2,nvarchar(max)

1nf is what??

which normalization talks abt transitive relationship?3NF

which constraint makes sure a column has some value entered? Not Null

which keyword in cursors used to move from one row to the end
a)scrollon
forwardonly
forward_only
Scroll_only

features of stored procedures
features of index on stored procedures
a)only one index per stored procedure
b) it is not saved in databsae
2 more options

2 coding questions on join came
like if common things from both tables come n from left table then which join is it?

Ansi-warnings are honored when making changes to table----------T/F

Composite primary key can be applied when creating new table---------T/F

How select statement works with EXISTS?

Which is used to create and populate the table?

- Select into
- Select *

1.which normalization requires candidate key??

a)1nf

b)2nf

c)3nf

d)bcnf

2.relating tables-invalid

a)join

b)subquery

c)role

3.which one u have to create with business rules???ans:user defined

4.stored procedures for parameter-@

5. sme insert statement qs

Ans:insert into table values (1,'A',null)

6.which is not a ddl command?

A)use

b)identity

c)truncate

d)alter

7.invalid

a)select * from table name where id iin(select id front name)

b)select* from(select * from tablename)

c) select * from (select * from tname)e

d)select col1,col2,(select colname from table e where e.id=d.id) from dept d

8.select column name from table t1 table t2 where (t1.id=t2.id)

Ans:select col name from table t1 inner join table t2 on t1.id=t2.id

9.select order.colname,customer,col.order,colname from customers,order

a)inner join

b)natural join

c)eqi join

d)Cartesian

10,wrong in join

a)no self join keyword

b)in self join comparing in single table itself

c)outer join refers as left outer join(default)

d)combining 2 tables without where clause generates carteasian join

e) in join where clause s present before on

11.BCNF p(a,b) as a primary r(,b,c,d,e)…….

a)it may not happen c identifies b

b)it may not happen a identifies e

c)it may happen a identifies c

d)it may happen d identifies b

I marked a option

12.In clr,default values not specified(select 2)

a)xml

b)varbinary(max)

c)text

d)varchar(max)

t/f

13.constraints can be applied oly at table level-f

14.ansi warning can be honoured while passing valuest

15.Composite primary key can be applied when creating new table---------T/F

16.sme error happened during transaction wat wil happen

a)automatically rolled back

b)automaticallt commited

some other 2 opt

17.Which is used to create and populate the table?

- Select into
- Select *

18.features of index on stored procedures(check box)
a)only one index per stored procedure
b) it is not saved in databsaec)it is performance optimal
2 more options

19.not a body type function

a)internal

b)scalar

c)multi lined..

d)inline

20.which keyword in cursors used to move from one row to the end
a)scrollon
forwardonly
forward_only
Scroll_only

21..not data type in procedure

a)timestamp

b)blob

c)bigint

d) XML

22.domain integrity------columns related

23.entity integrity------row related

24.which stored procedure is used to get the structure of table created???

a) sp_help

b)sp_helpconstraint

c)sp_source code

d)sp_helptext

25.wat iswrong in select statement???

a) from is necessary thng
b) group by may be present
c) order by may
d) sme ans with compute

26.which t-sql statement directly permitted in stored procedure??

a)crete table

b)create triggers

c)alter procedure

d)alter function

1) which normalisation deals with transitive dependency?

a)1NF b)2NF c)3NF d)4NF e)BCNF

2)which out of the foll cannot be implemented while creating a table?

a) creating table level constraits

b)creating column level constraints

c)specifying filegroup

d)identity

3)which forms of normalisation says every determinant is a candidate key?

a)1NF b)2NF c)3NF d)4NF e)BCNF

4)which out of the foll Stored proc types comes a part of SQL server and begin with xp_?

a)system b)user defined c)extended d)clr

5)which one ensure that in a relation all attributes must be atomic and every non key attribute is fully functionally dependent on key attribute for its existence?

a)1NF b)2NF c)3NF d)4NF e)BCNF

6)Not used to combine data from multiple tables?

a)role b)join c)subquery d)union

7) on a table emp,triggers were created in the foll ordera)after trigger t1 b)after trigger t2 c)after trigger t3. wt is the order of execution

a)t1t2t3 b)t3t2t1 c)t1 d)t3t1t2

SQL

1:Which of the following statement about the creation of views in SQL Server is true?
A) A statement within views may include the keywords ORDER BY,COMPUTE,COMPUTE BY, and INTO.
B) Views can reference temporary tables.
C) Views cannot execute stored procedures.
D) Views can reference more than 1024 columns.

2:Evaluate the below code Select empno,ename,dname from emp e,dept d where e.deptno=d.deptno is same as that of:
A)Select empno,ename,dname from emp e full outer join dept d on e.deptno=d.deptno
B)Select empno,ename,dname from emp e lCharitharthReddy.Venumbaka@cognizant.comeft outer join dept d on e.deptno=d.deptno
C)Select empno,ename,dname from emp e inner join dept d on e.deptno=d.deptno
D)Select empno,ename,dname from emp e self join dept d on e.deptno=d.deptno
E)Select empno,ename,dname from emp e right outer join dept d on e.deptno=d.deptno

(0r)
Selectcolumn name from table t1 table t2 where (t1.id=t2.id)
Ans:**select col name from table t1 inner join table t2 on t1.id=t2.id**

3:Constraints can be applied at table level only… True/False

4:Complete the following statement
_____Integrity preserves the defined relationships between tables when rows are entered or deleted.
A)Domain
B)Referential
C)User-Defined
D)Entity

5:Which of the following code is invalid?
A)Select * from (Select * from emp_master)
B)Select * from (Select * from emp_master)e
C)Select empno,ename,(Select dname from Department_Master d where d.deptno=e.deptno) from emp_master e
D)Select empno,ename from emp_master e where deptno in (select deptno from Department_Master d)

6:following is the stucture for table Emp : Create table EMP(EID int,ENAME varchar(20),ESAL int) To insert data which option is incorrect?
A) insert into EMP values (1,'A',null)
B) insert into EMP(ename,empno) values ('A',1)
C) insert into EMP values (1,'A','null')
D) insert into EMP(empno,empname) values (1,'A')

7:Composite primary key can be specified while creating the tables through table level constraint. **True**/False

8:Which of the following options ensure that all attributes in a relation are expected to be in their most atomic state only?
A)1NF
B)2NF
C)4NF
D)3NF
E)BCNF

9)which one ensure that in a relation all attributes must be atomic and every non key attribute is fully functionally dependent on key attribute for its existence?
a)1NF b)2NF **c)3NF** d)4NF e)BCNF

10) 3NF means if there exists p(a,b) as a primary key on a relation R(a,b,c,d,e) then apart from all prior conditions being satisfied.
A)It should not happen that c identifies d
B)It may happen that c identifies d
C)It should not happen that c identifies b

D)It must happen that c identifies b

11) Which out of the following data types are not allowed to be used in procedures?
A)smalldatetime
B)BLOB
C)datetime
D)XML

12) Which of the following is not true with Sub queries?
A)They can be applied in the expression list of select statement
B)They can be applied in "order by" clause
C)They can be applied in "having" clause
D)They can be applied in the"from" clause

13) Which one of the following are not DDL statement?
A)TRUNCATE
B)ALTER
C)USE
D)identity

14) which of the following is true about sub query?
A)sub queries can be written only in where clause
B)dependency of inner query on outer query is required only in case of co-related sub queries
C)inner query can return only one value
D)sub queries cannot be used in select statement
E)inner query is always dependent on outer query for it's execution

15) Which TWO of the following are features of a local temporary stored procedure?
A)It is automatically deleted when the connection is closed.
B)It is similar to an inline User defined function.
C)It can be executed only by the connection that created it.
D)It can be executed from other server connections also.

16) Complete the following _____integrity defines a row as a unique entity for a particular table.
A)Referential
B)Domain
C)Entity
D)User-Defined

17) In CLR functions for which two datatypes, default value cannot be specified ?
A)char
B)Varchar(MAX)
C)XML
D)VarBinary(Max)

18) Which of the following code is invalid?
A)Select empno,ename,deptno from emp_master e where deptno in (select top 5 deptno from Depatment_Master d order by deptno)
B)Select empno,ename,deptno from emp_master e where deptno in (select deptno from

Department_Master d) compute count(deptno)
C)Select distinct empno,ename from emp_master e where deptno in (select deptno from Department_Master d group by deptno)
D)Select empno,ename,deptno from emp_master e where deptno in (select deptno from Department_Master d compute count(deptno))

19) Which of the following option only allow you to move forward from the first row of the cursor and onward?
A)FORWARD
B)SCROLLON
C)FAST_FORWARD
D)FROWARD_ONLY

20) Which integrity ensures the validity of entries for a specific column?
A)Domain
B)Entity
C)Referential
D)User-Defined

21) How does a subquery with EXISTS work?--checkbox
A)The subquery functions as an existence test
B)The subquery returns a value of TRUE or FALSE
C)The WHERE clause of the outer query tests whether data exists in the subquery for each row of the outer subquery.
D)The subquery returns a list of rows that match the criteria.

22) Which of the following statement is wrong about joins?
A)applying same tables on both the sides of join keyword means self-join.
B)while joing the tables where clause comes before on clause
C)Combing two tables without where condition generates cartesian product
D)there is no keyword call self-join
E)By default outer join means left outer join

23) Constraintsare useful for checking the validity of DDL operations **TRUE**/FALSE

24) Which one of the following table names is a temporary table that is visible only on the connection on which it was created?
A)@@mytable
B)#mytable
C)##mytable
D)@mytable

25) On a table emp,triggers were created in the following order a]After trigger T1 b]After trigger T2 c]After trigger T3.What will be the order of execution of these triggers?
A)T3,T2,T1
B)T1,T2,T3
C)T3,T1,T2
D)T1

26) After table is created,which of the following option is true?

A)We cannot rollback the creation
B)None of the listed option
C)We can rollback the creation
D)We cannot see the table until we commit

27) Which TWO of the following are correct for indexed views?
A)You can create only one index on a view.
B)An indexed view is any view that has a clustered index defined on it
C)The indexed view is a logical entity and is not materialized in the database
D)Indexed views aid in optimizing performance

28) Parentheses are required while declaring functions even if there are no parameters in it.**TRUE**/FALSE

29) Which of the following option is valid as Function Type(incomplete ques)?--one option
A)Text
B)XML
C)TABLE
D)Timestamp

30) which t-sql statement directly permitted in stored procedure??
a)crete table
b)create triggers
c)alter procedure
d)alter function

31) BCNF maens if there exists p(a,b) as a primary key on a relation R(a,b,c,d,e), then apart from conditions of prior normal for (incomplete ques)
A)it should not happen that c identifies b
B)it should not happen that a identifies e
C)it may happen that a identifies c
D)then it must happen that d identifies b

32) The following SQL is which type of join: SELECT CUSTomer.CUSTOMER_ID,ORDER.CUSTOMER_ID, NAME,ORDER_ID FROM CUSTOMER,ORDER;
A)Equi-join
B)Outer join
C)Natural join
D)Cartesian join

33) select order.colname,customer,col.order,colnamefrom customers,order
a)inner join
b)natural join
c)eqi join
d)Cartesian

34) Which form of normalization deals with transitive dependency(incomplete ques)--checkbox
A)4NF

B)BCNF
C)1NF
D)2NF
E)3NF

35) Which of the following command you can use to navigate-----in the cursor?(incomplete ques)
A)SELECT
B)READ
C)RETRIVE
D)FETCH

36) Which one of the following strored procedure types co-------SQL Server and begins with xp_?(incomplete ques)
A)User Defined
B)Extended
C)CLR
D)System

37) Which out of the following options cannot be implemented---creating a table?(incomplete ques)
A)creating table level constraint
B)triggers
C)identity
D)specifying filegroup
E)creating column level constraint

38) Which of the following statement is wrong about select s-(incomplete ques)
A)it can have optional group by clause
B)it compulsory needs a FROM clause
C)it can have compute by clause irrespective of exist---by clause
D)it can have ORDER BY clause
E)it can have optional where clause

39) When are constraints checked on a table with INSTEAD OF----AFTER trigger (incomplete ques)
A)After the INsTEAD OF triggers and before the AFter trigger
B)Before the INSTEAD OF and AFter triggers
C)Before an INSTEAD OF trgger set to execute last-----sp_settiggerorder
D)After the INSTEAD OF and AFTER triggers

40) Which of the followinf helps us to create and populate a------the data of an existing table?(incomplete ques)
A)SELECT Except
B)SELECT ONLY
C)SELECT INTO
D)SELECT *

41) If you begin a transaction but SQL Server crashes before the transaction completes,what happens to the transaction?
A)It is automatically rolled back

B)it is automatically commited on loading
C)The transaction is placed on hold until you complete it
D)it causes a deadlock

42) Which out of the follwing can store 2GB of data?
A)BLOB
B)NTEXT
C)TEXT
D)nvarchar(max)

Which datatype has 2GB storage space?
a) BLOB b) NText c) text **d) nvarchar(max)**

43) Which out of the following is a Command to get str-----table created?(incomplete ques)
A)sp_cons
B)sp_helpconstraint
C)sp_helptext
D)sp_help
E)sp_sourceCode

44) Which system stored procedure is used to display all the views?
Ans: **sp_tables**

45) Which of the Following stored procedurs displays the dependencies of view?
a) sp_help
b) sp_dependencies
c) sp_depends
d) sp_helpdepends

46) Which constraint ensures that values must be entered for a column?
A)DEFAULT
B)PRIMARY
C)CHECK
D)UNIQUE
E)NOT NULL

47) which normalizationrequires candidate key??
a)1nf
b)2nf
c)3nf
d)bcnf

48) relating tables-invalid or Not used to combine data from multiple tables?
a)joinb)subquery**c)role**d)union

49) which one u have to create with business rules???

ans:user defined

50) features of index on stored procedures (check box)
a)only one index per stored procedure
b) it is not saved in databsae c)it is performance optimal
2 more options

51) not a body type function
a)internal
b)scalar
c)multi lined..
d)inline

52) triggers can be nested to d maximum level Ans: **32**

53) Cursor can be used up to how many levels? Ans: **32**

54) subquery cannot start after a)from b) where c)expression

55) Which one of the following keyword is NOT used with T-SQL cursors?

a. DEALLOCATE

b. FETCH

c. MOVENEXT

d. DECLARE

e. SET

56) Ansi_warnings is not honored wen error occurs in stored procedure or functions ..? true or false..
Ans: **true**

57) Options to enable CLR function:-
a. Sp_config
b. Clr_config
c. Clr disable
d. Clr enable

58) Which keyword used to get rows in the cursors?
Fetch
read
retrieve
59) Which following is not used in stored procedure?
Schema binding
encryption
replicate
60) How the format for stored procedure parameter?
@parameter

61) Another question which is used to select the rows which does not match with the left table.
Ans: Select statement which contains right outer join is the answer.
62) Can inner subquery depends on outer subquery in case of co-related sub queries? **True** or false
63) which cannot assign to default value?
xml
char

varbinary(max)
varchar(max)
64) Indexed view is like clustered index defined in it. **true**
65) Indexed view aids database performance. **true**
66) Indexed view is logical and is not materialized in the database. **false**
67) Indexed view can be applied more than 1024 columns. **false**

2. You have been asked to store time values that are accurate to the second. Which of the following data types do you use?
    a. Datetime
    b. uniqueidentifier
    c. smalldatetime
    d. smallint
    e. bit

    Answer: datetime

3. Which one of the following T-SQL statements do you use to create an HTTP endpoint?
    a. SET ENDPOINT
    b. CREATE ENDPOINT
    c. NEW END_POINT
    d. CREATE HTTPENDPOINT
    e. SET HTTP_ENDPOINT

    Ans: CREATE ENDPOINT

4. Which one of the following table names is a temporary table that is visible only on the connection on which it was created?
    a. ##myTable
    b. _myTable
    c. #myTable
    d. @@myTable
    e. @myTable

    Answer: #myTable

5. Which one of the following is a control-of-flow T-SQL statement?
    a. WHILE
    b. IN
    c. WHERE
    d. ORBER BY
    e. EXECUTE

    Answer: WHILE

6. Which one of the following keyword is NOT used with T-SQL cursors?
    a. DEALLOCATE
    b. FETCH
    c. MOVENEXT

d. DECLARE
e. SET

Answer: MOVENEXT

7. What is the difference between a PRIMARY KEY and UNIQUE index?
    a. Both PRIMARY KEY and UNIQUE index do not allow duplicate values; UNIQUE does not allow Null.
    b. You can have more than one PRIMARY KEY and only one UNIQUE index.
    c. PRIMARY KEY allows duplicates; UNIQUE index does not.
    d. You can have more than one UNIQUE index and only one PRIMARY KEY.
    e. Both PRIMARY KEY and UNIQUE index do not allow duplicate values; PRIMARY allows Null.

    Answer: You can have more than one UNIQUE index and only one PRIMARY KEY.

8. DECLARE @I INT
    SET @I=1
    IF @I=1
        SELECT @I=2
        SET @I=@I+1
    END
    What is WRONG with the T-SQL code above?
    a. It is missing an ELSE
    b. The SELECT needs to be changed to SET
    c. It is missing a BEGIN
    d. The IF needs to be changed to WHILE
    e. It is missing a THEN

    Answer: It is missing a BEGIN

9. You manage a decision support system that contains numerous datetime columns. You are creating views that return the data as a string value in the format yyyy-mm-dd.
    Referring to the scenario above, which one of the following contains the T-SQL function or functions that you need to use in your views in order to change datetime value to a char or varchar data type?
    a. CHAR
    b. CAST
    c. COALESCE
    d. COMPUTE
    e. COLLATE

    Answer: CAST

10. UPDATE TOP(1) Customers SET FirstName='Ted' WHERE LastName='Anderson'
    What does the above T-SQL Code do?
    a. It updates all rows with the LastName of Anderson to a FirstName of Ted
    b. It updates a row with the LastName of Anderson to a FirstName of Ted
    c. It updates no rows due to an error
    d. It updates all rows to a FirstName of Ted if the LastName of Anderson is not found

e. It updates a row with the LastName of Ted to a FirstName of Anderson

Answer: It updates a row with the LastName of Anderson to a FirstName of Ted

11. You need to display all rows of data from TABLE1 and TABLE2, including duplicates.
Referring to the scenario above, which one of the following T-SQL statements do you use?
    a. SELECT * FROM TABLE1 UNION SELECT * FROM TABLE2
    b. SELECT * FROM TABLE1 UNION ALL SELECT * FROM TABLE2
    c. SELECT * FROM TABLE1 UNION * SELECT * FROM TABLE2
    d. SELECT * FROM TABLE1 MERGE SELECT * FROM TABLE2
    e. SELECT * FROM TABLE1 JOIN SELECT * FROM TABLE2

    Answer: SELECT * FROM TABLE1 UNION ALL SELECT * FROM TABLE2

12. Which one of the following methods do you use to create custom error messages in SQL Server?
    a. Use the xp_addmessage extended stored procedure
    b. Insert a row in the syserrors table
    c. Use the CREATE MESSAGE DDL statement
    d. Use sp_addmessage system stored procedure
    e. Install the Custom Error Messages add-in from the SQL Server Resource kit

    Answer: Use sp_addmessage system stored procedure

13. CREATE INDEX T1index ON T1(F1 DESC)
Given the T-SQL code above, what type of index is created on table T1?
    a. UNIQUE
    b. NONCLUSTERED
    c. XML
    d. CLUSTERED
    e. PRIMARY KEY

    Answer: NONCLUSTERED

14. You need to retrieve a list of last names from a table with no duplicates.
Referring to the scenario above, which one of the following statements do you use?
    a. SELECT DISTINCT LASTNAME FROM TABLE1
    b. SELECT TOP 1 LASTNAME FROM TABLE1
    c. SELECT LASTNAME FROM TABLE1 WHERE COUNT=1
    d. SELECT LASTNAME FROM TABLE1 WHERE UNIQUE
    e. SELECT INTO LASTNAME FROM TABLE1

    Answer: SELECT DISTINCT LASTNAME FROM TABLE1

15. Which one of the following statements regarding Clustered and Nonclustered indexes is true?
    a. There can only be one Nonclustered index per table; there can be multiple Clustered indexes.
    b. There can be multiple Clustered and Nonclustered indexes per table.
    c. Clustered and Nonclustered indexes are the same except Nonclustered indexes sort the data rows of a table.
    d. There can only be one Clustered index per table; there can be multiple Nonclustered indexes.

e. A Clustered index always has unique values; a Nonclustered index can have any values.

Answer: There can only be one Clustered index per table; there can be multiple Nonclustered indexes.

16. Which one of the following forms of referential integrity sets the value of a column when no other value is specified during an insert?
    a. Trigger
    b. Baseline
    c. Rule
    d. Index
    e. Default

    Answer: Default

17. SELECT * FROM TABLE1 WHERE ITEMID IN (10, 20)
    What does the T-SQL statement above display?
    a. The first 10 to 20 rows of TABLE1.
    b. All rows of ITEMID only from TABLE1 that do not have an ITEMID of 10 and 20.
    c. All rows and columns from TABLE1 that do not have an ITEMID of 10 and 20.
    d. Only columns of TABLE1 that contain 10 or 20 in their name.
    e. All rows and columns from TABLE1 that contain an ITEMID of 10 or 20.

    Answer: All rows and columns from TABLE1 that contain an ITEMID of 10 or 20.

18. Which one of the following is NOT a type of constraint?
    a. Cascade
    b. Foreign key
    c. Primary key
    d. Unique
    e. Check

    Answer: Cascade

```
declare @count int
select @count = 2
while @count < 10
begin
  select @count = @count + 1
end
```

19. Referring to the sample code above, what is the ending value of local variable @count?
    a. 0
    b. 1
    c. 9
    d. 10
    e. 12

    Answer: 10

```
declare @count int,@newCount int
select @newCount = 1
while @newCount < 3
begin
  select @newCount = @newCount + 1
  select @count = @count*2
end
```

20. Referring to the sample code above, what is the ending value of local variable @count?
    a. Null
    b. 0
    c. 2
    d. 8
    e. 16

    Answer: Null

21. CREATE TABLE test_defaults (ID int IDENTITY(1, 1) DEFAULT 1)
    What is wrong with the T-SQL statement above?
    a. You cannot create a table with only one column.
    b. You cannot use the int data type on identity fields.
    c. You cannot create a default on an identity field.
    d. You need to set the default to 0 for identity fields.
    e. You need to change the "IDENTITY(1, 1)" to "IDENTITY(int, 1, 1)".

    Answer: You cannot create a default on an identity field.

1. DECLARE @isTrue char(1)
2. DECLARE @var char(10)

3. SET @var = 'alphabet'
4. If @var LIKE '%ABC%'
5. SET @isTrue = 'Y'
6. ELSE
7. SET @isTrue = 'N'

22. Upon completion of the query batch above and assuming DEFAULT SQL Server installation, what is the value of @isTrue?
    a. NULL--an error occurred on line 1
    b. Y
    c. NULL--an error occurred on line 4
    d. N
    e. NULL--an error occurred on line 3

    Answer: N

```
declare @Var1 int
select @Var1=1
while(@Var1 < 5)
begin
  select @Var1 = @Var1 + 1
  if (select @Var1) = 4 break
end
select @Var1
```

23. What is the ending value of variable @Var1 in the sample code above?
    a. Null
    b. 1
    c. 4
    d. 5
    e. 6

    Answer: 4

24. Which one of the following is the default value that is assigned to a varchar data type immediately after it has been declared and before a value has been explicitly assigned to it?
    a. CHAR(0)
    b. The variable is filled with spaces.
    c. CHAR(NULL)
    d. NULL
    e. 0

    Answer: NULL

25. SELECT * FROM T1 WHERE F1 = 2
    Referring to the T-SQL code above, if an index does NOT exist on table T1, what must SQL Server do to find data in the table?
    a. Create a view of the table.
    b. Create a temporary index.
    c. Perform a table scan.
    d. Find the first match and stop searching.
    e. Use a stored procedure.

Answer: Perform a table scan

```
CREATE TABLE test
  (ID INT IDENTITY NOT NULL PRIMARY KEY,
  Auser varchar(50) DEFAULT user_name(),
  Acode char(3) DEFAULT '123');

insert into test (acode) values ('987');
select * from test
```

26. If you are logged onto SQL Server as the System Administrator, and you execute the T-SQL code above, which one of the following results do you get?
    a. 1 ...\Administrator 123
    b. 1 sa 123
    c. 0 ...\Administrator 987

d. 0 sa 987
e. 1 dbo 987

Answer: 1 dbo 987

27. If you need to create a table with a column that contains no duplicate values but allows for a NULL value, which one of the following index types do you use?
    a. XML
    b. Primary Key
    c. Clustered
    d. Non Clustered
    e. Unique

    Answer: Unique

28. SELECT * FROM PRODUCTS WHERE PRODUCTID IN (SELECT PRODUCTID FROM ONSALEPRODUCTS)
    What does the T-SQL statement above select?
    a. All rows from PRODUCTID that have PRODUCTS in the ONSALEPRODUCTS table
    b. All rows from PRODUCTS that have a PRODUCTID in the PRODUCTID table
    c. All rows from ONSALEPRODUCTS that have a PRODUCTID in the PRODUCTID table
    d. All rows from ONSALEPRODUCTS that have a PRODUCTID in the PRODUCTS table
    e. All rows from PRODUCTS that have a PRODUCTID in the ONSALEPRODUCTS table

    Answer: All rows from PRODUCTS that have a PRODUCTID in the ONSALEPRODUCTS table

29. SELECT o.Price, o.Cost, (SELECT MAX(i.Quantity) FROM Items as i
    WHERE i.OrderNum = o.OrderNum) as MaxQty FROM Orders as o
    What does the T-SQL statement above display?
    a. The columns named Price, Cost from Items, and MaxQty from Orders
    b. All columns from Items and from Orders
    c. The columns named Price, Cost from Orders, and Quantity from Items
    d. The columns named Price, Cost from Items, and Quantity from Orders
    e. The columns named Price, Cost from Orders, and MaxQty from Items

    Answer: The columns named Price, Cost from orders and MaxQty from Items

30. RETURN @avar.query('Product/Prices')
    The above T-SQL code is an example of using which one of the following data types?
    a. Nvarchar
    b. Varchar
    c. Text
    d. Ntext
    e. Xml

    Answer:Xml

    The stored representation of **xml** data type instances cannot exceed 2 GB.

31. Which one of the following types of database objects is bound to a table and executes a batch of code whenever a specific data modification action occurs?
    a. Trigger
    b. Stored Procedure
    c. Rule
    d. Default
    e. Constraint

    Answer: Trigger

32. Which one of the following commands and or keywords CANNOT be included inside a trigger?
    a. Truncate table
    b. Drop index
    c. Create procedure
    d. Create index
    e. Update statistics

Answer: Truncate table

33. A user connects to SQL Server, changes data without error, and then disconnects. After reconnecting at a later time, he sees that his prior changes did not save to the database.
    Which one of the following caused the problem described in the scenario above?
    a. The user does not have permission to update the data.
    b. The user had logged on remotely to the database.
    c. The database is set to read only.
    d. The transaction log has filled up.
    e. Explicit transaction mode is enabled and COMMIT TRAN was not executed.

    Answer: Explicit transaction mode is enabled and COMMIT TRAN was not executed.

34. Line# SQL
    ===== ====================
    1. SELECT count(ALL),
    2. col1
    3. FROM ThatTable
    4. WHERE col1 IN (1-10)
    5. GROUP BY col1
    6. HAVING COUNT(ALL) > 3

    Assuming that the col1 column is of the integer data type, which one of the following lines in the sample query above contains an error?
    a. Line 1
    b. Line 2
    c. Line 3
    d. Line 4
    e. Line 5

    Answer: Line 1

35. If you begin a transaction, but SQL Server crashes before the transaction completes, what happens to the transaction?
    a. It causes a deadlock.
    b. Part of the data from the transaction is committed.
    c. The transaction is placed on hold until you complete it.
    d. It is automatically rolled back.
    e. It is automatically committed on loading.

Answer: It is automatically rolled back

36. SELECT ROWID
    FROM (SELECT ROW_NUMBER() OVER (ORDER BY EMPLOYEEID ASC) AS ROWID, * FROM EMPLOYEE) AS T
    How many rows are displayed from the T-SQL statement above if the EMPLOYEE table has five rows?
    a. 1
    b. 2
    c. 3
    d. 4
    e. 5

    Answer: 5

37. The following stored procedure accepts two parameters--the small value should never be greater than the large value, though they are permitted to be equal.

    Line# SQL
    ----- --------------------------
    1. CREATE PROCEDURE mySP
    2. (@small int, @large int) AS
    3. IF @small > @large
    4. ??
       ... Remaining logic . . .

    Referring to the above scenario, which one of the following statements can you use to exit the stored procedure at Line 4 when the small value is greater than the large value?
    a. RESUME
    b. END PROC
    c. RETURN
    d. EXIT PROC
    e. END

    Answer: RETURN

38. You need to store international names that are limited to 100 characters in length.
    Referring to the scenario above, which one of the following data types uses the LEAST storage space and allows for an index?
    a. Cursor
    b. Nvarchar
    c. Binary

d. Char
e. Ntext

Answer: nvarchar

39. You need to store a number that always stays within the range of 1 to 100.
Referring to the scenario above, which one of the following data types uses the LEAST storage space?
    a. Numeric
    b. Int
    c. Tinyint
    d. Real
    e. Bit

    Answer: tinyint

40. You need to create an IDENTITY field that is able to handle over five billion rows of data.
Referring to the scenario above, which one of the following data types do you use?
    a. Bigint
    b. Real
    c. Int
    d. Decimal
    e. Float

    Answer: Big int

41. How many rows appear in the result set for the TL-SQL query above?
    a. 2 rows
    b. 3 rows
    c. 4 rows
    d. 5 rows
    e. 7 rows

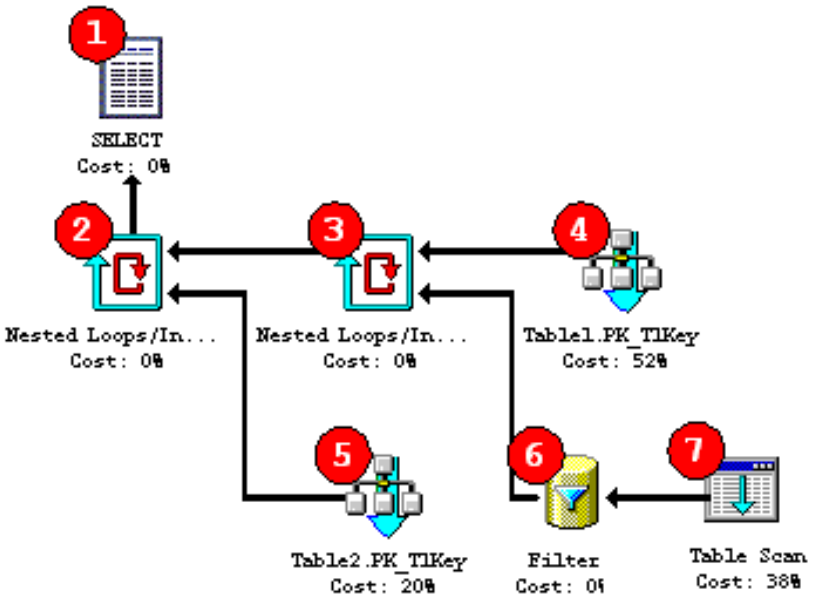
    Answer: 5 rows

42. Which one of the following is a way for stored procedures to add security to a database?
    a. By reducing network bandwidth
    b. By allowing delayed binding
    c. By retaining and reusing execution plan
    d. By conserving network bandwidth
    e. By checking user permissions on referenced objects

    Answers: By checking user permissions on referenced objects

43. What is a difference between a Stored Procedure and User defined Functions?
    a. UDFs can change the server environment or the operating system environment
    b. Stored procedures cannot be used in an expression
    c. Functions cannot execute stored procedures
    d. Functions do not permit parameters
    e. Stored procedures can return any data type in place of their names

Answers: Stored procedures cannot be used in an expression



44. Referring to the execution plan above, which one of the following items will you improve by using an index?
    a. Item Number 2
    b. Item Number 3
    c. Item Number 4
    d. Item Number 6
    e. Item Number 7

    Answer: Item number 7

45. 1. CREATE PROCEDURE myStoredProc
    2. @ID uniqueidentifier OUTPUT,
    3. @Name varchar (32)
    4. AS
    5. IF @ID IS NULL
    6. SET @ID = NEWID()
    7. INSERT myTable
    8. (ID, Name) VALUES (@ID, @Name)

    When the above stored procedure creation script is changed so that the @ID parameter has a default value of NULL, which one of the following replacements for Line 2 is correct?
    a. OPTIONAL @ID uniqueidentifier DEFAULT NULL OUTPUT,
    b. OPTIONAL @ID uniqueidentifier = NULL OUTPUT,
    c. @ID uniqueidentifier NULL OUTPUT,
    d. @ID uniqueidentifier = NULL OUTPUT,
    e. @ID uniqueidentifier DEFAULT NULL OUTPUT,

    Answer: @ID uniqueidentifier = NULL OUTPUT,

```
CREATE TABLE T3 (somecolumn1 int)
go
ALTER TABLE T3 ADD somecolumn2 int
SELECT somecolumn2 FROM T3
go
SELECT * FROM T3
go
```

46. Which one of the following statements regarding the sample code above is true?
    a. T3 will fail to be created.
    b. Everything is rolled back.
    c. The code, in its entirety, constitutes a batch.
    d. T3 is created, but somecolumn2 is not added.
    e. "SELECT * FROM T3" displays the columns somecolumn1 and somecolumn2.

    Answer: T3 is created, but somecolumn2 is not added.

47. Which one of the following stored procedure types comes as part of SQL Server and begins with "xp_"?
    a. System
    b. CLR
    c. Extended
    d. Transact-SQL
    e. User-defined

    Answer: Extended

48. You have been asked to store huge decimal amounts in a column with a precision of 35 scale of 10 for an application with which exact numeric behavior is required.

    Referring to the scenario above, which one of the following data types do you use?

    a. Real
    b. Float
    c. Money
    d. Numeric or decimal
    e. Bigint

    Answer: Numeric or decimal

```
1) CREATE PROCEDURE [dbo].[testsp]
2)     @i int = 0,
3)     @s varchar(10) = NULL
4) AS
5) BEGIN
6)     SET NOCOUNT ON;
7)     IF EXISTS(SELECT * FROM TEST WHERE COL1 = @s)
8)         RETURN @s
9)     RETURN @i
10) END

EXEC testsp 0, 'hello'
```

49. Which line in the T-SQL code above is INCORRECT?
    a. Line 3
    b. Line 6
    c. Line 7
    d. Line 8
    e. Line 9

    Answer: Line 8

50. What is the maximum number of tables that can be directly affected by a single INSERT, UPDATE, or DELETE statement?
    a. 1
    b. 16
    c. 32
    d. 256
    e. Unlimited

    Answer: 1

```
TRY

  SELECT * FROM TABLE1;

  SELECT COL1 FROM TABLE2 WHERE COL2 = 5;

END TRY

CATCH

  SELECT ERROR_MESSAGE() as ErrorMessage;

END CATCH;
```

51. What is wrong with the T-SQL code above?
    a. The CATCH block is missing a BEGIN...END construct.
    b. The END statements should be removed.
    c. TRY and CATCH are missing a BEGIN to the left of each.
    d. The TRY from END TRY should be removed.
    e. The TRY block is missing a BEGIN...END construct.

    Answer: TRY and CATCH are missing a BEGIN to the left of each

52. In order to create a VALUE XML index, which one of the following do you create first?
    a. A PROPERTY XML index
    b. A primary key index
    c. A secondary XML index
    d. A primary XML index
    e. A PATH XML index

    Answer: A primary XML index

53. When you create a view with SCHEMABINDING, what does it do?
    a. It creates a new schema based on the view name, and it binds the view to the schema.
    b. It prevents users without schema permissions from accessing the view.
    c. It allows updates to underlying tables that automatically update the view.
    d. It prevents the view from being altered.
    e. It prevents the base table or tables from being modified in a way that would affect the view definition.

    Answer: It prevents the base table or tables from being modified in a way that would affect the view definition.

```
CREATE TABLE T1 (t varchar(10))
INSERT T1 (t) VALUES ('text1')
INSERT T1 (t) VALUES ('text2')
INSERT T1 (t) VALUES ('text3')
INSERT T1 (t) VALUES ('text3')
CREATE TABLE T2 (t varchar(10))
INSERT T2 (t) VALUES ('text1')
INSERT T2 (t) VALUES ('text2')
INSERT T2 (t) VALUES ('text4')
INSERT T2 (t) VALUES ('text4')
go
SELECT * FROM T1 UNION SELECT * FROM T2
SELECT * FROM T1 UNION ALL SELECT * FROM T2
SELECT DISTINCT * FROM T1 UNION ALL SELECT * FROM T2
go
```

54. Referring to the sample code above, how many rows do the SELECT statements list?
    a. 8, 8, 8
    b. 4, 8, 7
    c. 4, 4, 4
    d. 4, 8, 6
    e. 6, 4, 4

    Answer: 4, 8, 7

    1) begin transaction
    2) insert MyTable values (1,2,3,4)
    3) if @@error <> 0 goto error_handler
    4) commit transaction
    5)
    6) error_handler:
    7) rollback transaction

55. Which one of the following is missing from line 5 in the sample code above?
    a. Return
    b. Exit
    c. End transaction
    d. Skip next
    e. End

    Answer: return

```
CREATE TABLE dbo.t (i int)
go
CREATE FUNCTION dbo.t (@I int)
RETURNS int
AS
BEGIN
DECLARE @iret int
 SET @I=@I*@I
 RETURN @iret
END
GO
```

56. What is the result of running the script in the sample code above?
    a. FUNCTION dbo.t is not created because parameter @I cannot be modified.
    b. FUNCTION dbo.t is created and causes TABLE dbo.t to be dropped.
    c. TABLE dbo.t and FUNCTION dbo.t are created.
    d. FUNCTION dbo.t is created, but errors upon execution.
    e. FUNCTION dbo.t is not created because object "dbo.t" already exists.

    Answer: FUNCTION dbo.t is not created because object "dbo.t" already exists.

57. Which one of the following statements creates a new, empty table, named TABLE2, with the same fields as TABLE1?
    a. SELECT TOP 0 * INTO TABLE2 FROM TABLE1
    b. CREATE TABLE TABLE2 (SELECT * FROM TABLE1)
    c. SELECT * INTO TABLE2 FROM TABLE1 WHERE NULL
    d. SELECT * INTO TABLE2 FROM TABLE1 WHERE 1=1
    e. CREATE TABLE TABLE2 FROM TABLE1

    Answer: SELECT TOP 0 * INTO TABLE2 FROM TABLE1

58. Which one of the following methods of creating and modifying defaults will be removed from future versions of SQL Server and should be avoided?
    a. DEFAULT keyword with ALTER TABLE
    b. ADD CONSTRAINT
    c. DEFAULT keyword with CREATE INDEX
    d. DEFAULT keyword with CREATE TABLE
    e. CREATE DEFAULT

    Answer: CREATE DEFAULT

59. Why does a covering index improve performance?
    a. All the fields in the SELECT list and the WHERE clause are within the index pages.
    b. A covering index is clustered.
    c. All tables are joined by primary keys.
    d. All of the fields in the WHERE and ORDER BY clause are indexed.
    e. A covering index is unique.

    Answer: All the fields in the SELECT list and the WHERE clause are within the index pages.

```
CREATE NONCLUSTERED INDEX IX_SalesOrderDetailCovering
ON Sales.SalesOrderDetail
(ProductID, SpecialOfferID)
INCLUDE
(SalesOrderID, SalesOrderDetailID, UnitPrice,
OrderQty, UnitPriceDiscount);


SELECT SalesOrderID, SalesOrderDetailID, ProductID, SpecialOfferID,
UnitPrice, OrderQty, UnitPriceDiscount
FROM Sales.SalesOrderDetail
WHERE ProductID = 707
AND SpecialOfferID = 8
```

60. What is the difference between the ISNULL and COALESCE functions?
    a. ISNULL takes any number of values and returns the first value that is not NULL.
       COALESCE takes two parameters: the value to check and the value with which to replace NULLs.
    b. ISNULL and COALESCE both take two parameters: the value to check and the value with which to replace NULLs.
       COALESCE is provided strictly for compatibility with older versions of SQL Server.
    c. ISNULL takes any number of values and combines all values that are not NULL.
       COALESCE takes two parameters: the value to check and the value with which to replace NULLs.
    d. ISNULL takes two parameters: the value to check and the value with which to replace NULLs.
       COALESCE takes any number of values and returns the first value that is not NULL.
    e. ISNULL takes two parameters: the value to check and the value with which to replace NULLs.
       COALESCE takes any number of values and combines all values that are not NULL.

    Answer:

    ISNULL takes two parameters: the value to check and the value with which to replace NULLs.
    COALESCE takes any number of values and returns the first value that is not NULL.

New Tax Brackets	
Annual Income	**Tax Percentage**
20,000 and under	5%
20,001 to 35,000	10%
35,001 to 60,000	15%
60,001 and up	20%

Employees		
PK	ID	**Int**
	TaxPct Salary	decimal(5,4) money

Income Tax rates have just been changed and the Employee data must be changed to meet the new requirements. The TaxPct column of the Employee Table should be based on the Salary column.

61. Which one of the following T-SQL statements correctly meets the requirements of the scenario above?

a.
```
update Employees
set TaxPct = case Salary
 when <= 20000 then 0.05
 when between 20001 and 35000 then 0.10
 when between 35001 and 60000 then 0.15
 when >= 60001 then 0.2
 end
```

b.
```
update Employee
set TaxPct = case
 when Salary <= 20000 then 0.05
 when Salary between 20001 and 35000 then 0.10
 when Salary between 35001 and 60000 then 0.15
 when Salary >= 60001 then 0.2
```

c.
```
update Employee
set TaxPct = case Salary
 where <= 20000 then 0.05
 where between 20001 and 35000 then 0.10
 where between 35001 and 60000 then 0.15
 where >= 60001 then 0.2
end
```

d.
```
update Employees
set TaxPct = case
```

```
when Salary <= 20000 then 0.05
when Salary between 20001 and 35000 then 0.10
when Salary between 35001 and 60000 then 0.15
when Salary >= 60001 then 0.2
end
```

e.
```
update Employee
set TaxPct = case
if Salary <= 20000 then 0.05
if Salary between 20001 and 35000 then 0.10
if Salary between 35001 and 60000 then 0.15
if Salary >= 60001 then 0.2
end
```

Answer:

```
update Employees
set TaxPct = case
when Salary <= 20000 then 0.05
when Salary between 20001 and 35000 then 0.10
when Salary between 35001 and 60000 then 0.15
when Salary >= 60001 then 0.2
end
```

Swabna bb1 :

1.Which one of the following statements about the creation of views in SQL Server is true

- Views cannot execute stored procedures
- Views can reference more than 1024 columns.
- Statements within views may include the keywords ORDER BY, COMPUTE, COMPUTE BY, and INTO.
- Views can contain statement batches.
- Views can reference temporary tables.

2.You need to start a SQL Server Profiler trace automatically. which one of the following stored procedures do you use to begin the trace?

- sp_trace_setstatus
- sp_trace_generateevent
- **sp_trace_setevent**
- sp_trace_create
- sp_trace_setfilter

3.Given that the Data Object interface will be used from a custom application, that is NOT written in .NET, which one of the following do you use to create a Data Object interface accessing SQL Server 2005?

- Data Access Objects (DAO)
- ActiveX Data Objects (ADO)
- SQL Native Client OLE DB
- Remote data objects
- Jet

25.Which one of the following lock types allows for read only access to committed transactions?

- Update
- Intent
- Schema
- shared --ans
- exclusive

30.When you need to perform complex calculations or access external resources in SQL Server 2005, which one of the following programming methods do you use?

- CLR user defined typ
- CLR stored proc
- T_Sql view
- **T_Sql stored proc**
- SQL server management studio

31.When is it acceptable to specify FILLFACTOR=100 in a CREATE INDEX statement?

- When you are allowing index pages to become completely filled before having to reindex
- When you are not concerned about running out of disk space
- When you are sure the index values will never change --ans
- When you would like the pages of the indexes to be completely padded with empty space
- When you feel the index values are highly volatile

35.A new project tracking application is being designed by the development team at your company. One important area of the application is status reporting. A status report must have a single distinguishing column as the primary key that does not reuse values used in the past, a column for the name of the user that entered the report, and a column for textual input of significant but not unlimited size. Which one of the following is a valid CREATE TABLE statement that satisfies the requirements in the scenario above?

- CREATE TABLE ProjectStatus

(ReportID int ROWGUIDCOL PRIMARY KEY, UserName varchar (24), Report varchar (8000))

- CREATE TABLE ProjectStatus

(ReportID int IDENTITY (1,1) PRIMARY KEY, UserName varchar (24), Report varchar (8000))

--ans

- CREATE TABLE ProjectStatus

(ReportID uniqueidentifier IDENTITY (1,1) PRIMARY KEY, UserName varchar (24), Report varchar (8000))

- CREATE TABLE ProjectStatus

(ReportID uniqueidentifier PRIMARY KEY, UserName varchar (24), Report varchar (8000))

- CREATE TABLE ProjectStatus

(ReportID uniqueidentifier ROWGUIDCOL PRIMARY KEY, UserName varchar (24), Report varchar (8000))

Table [dbo].[test]

A1	B2	C3	D4
NULL	1	-10	5
10	-5	NULL	1
5	10	20	NULL
NULL	20	5	10
-10	NULL	-5	20
-5	10	NULL	2

T-SQL

```
select coalesce(abs(C3), A1, B2) as C3
from test where A1 = abs(-10)
```

What is the output of the T-SQL select statement in the problem above?

-10

-5

5

10

20

Ans: 10

38. How do Deferred Name Resolution and Compilation aid in the design and implementation of stored procedures?

- Large changes in data cause cached execution plans to expire, resulting in increased performance.
- They allow stored procedures to create other SQL Server objects with the same names at run-time.
- They allow stored procedures to control caching of themselves.
- Tables can be created or modified after the stored procedure is created.
- They allow stored procedures to control caching of other stored procedures.

Swabna BB2:

4.Which set of key words related to subqueries, used with their proper syntax, are NOT essentially equivalent?

Choice 1

EXISTS, = ANY

Choice 2

NOT EXISTS, NOT IN

Choice 3

EXISTS, IN

Choice 4

ALL, ANY

Choice 5

SOME, ANY

5.Which one of the following is NOT true of stored procedures?

Choice 1

Remote stored procedures are superseded by distributed queries.

Choice 2

Database objects can be created in stored procedures.

Choice 3

WITH ENCRYPTION converts the original stored procedure text to an obfuscated format.

Choice 4

SQL Server automatically compiles them on every execution.--ans

Choice 5

WITH RECOMPILE cannot be specified for CLR stored procedures

6. When are constraints checked on a table with INSTEAD OF and AFTER triggers?

Choice 1

After the INSTEAD OF triggers and before the AFTER trigger

Choice 2

Before an INSTEAD OF trigger set to execute last by sp_settriggerorder

Choice 3

Before the INSTEAD OF and AFTER triggers

Choice 4

Before an INSTEAD OF UPDATE or INSTEAD OF INSERT trigger but after an INSTEAD OF DELETE trigger

Choice 5

After the INSTEAD OF and AFTER triggers

7.What is the format that allows XML-based inserts, updates, and deletes in SQL Server?

Choice 1

HTTP

Choice 2

XSL

Choice 3

SOAP

Choice 4

Updategrams or OPENXML T-SQL function

Choice 5

IIS/ISAPI

8.Which one of the following SQL Server features allows for the ability to update data through views?

Choice 1

ON DELETE and ON UPDATE clauses

Choice 2

Ability to index on computed columns

Choice 3

User-defined functions

Choice 4

Extended properties

Choice 5

INSTEAD OF triggers

13.How does Dynamic Locking benefit database performance?

Choice 1

It does not improve or degrade locking performance; it simplifies database administration. Choice 2

It reduces system overhead by selecting the lock type that minimizes concurrency cost.

Choice 3

It reduces system overhead by selecting the lock type that minimizes locking cost.

Choice 4

It does not improve or degrade locking performance; it allows developers to ignore most typical locking issues.

Choice 5

It reduces system overhead by selecting the lock type that is appropriate for the task.

15.Which one of the following is NOT a DDL event?

Choice 1

DROP_PARTITION_SCHEME

Choice 2

DROP_FUNCTION

Choice 3

MODIFY_ENDPOINT

Choice 4

CREATE_ASSEMBLY

Choice 5

ALTER_CONTRACT

Swabna BB3:

7. Table [dbo].[test]

COLA	COLB	COLC	COLD
100	20	90	5
NULL	5	NULL	70
8	NULL	10	40

10	60	1	NULL
9	NULL	1	50

```
CREATE PROCEDURE OpenCr @OCr CURSOR VARYING OUTPUT AS
 SET @OCr = CURSOR FOR
 SELECT TOP 2 COLA, COLD, COLC FROM test WHERE COLB IS NULL;
 OPEN @OCr;
GO

DECLARE @Crs CURSOR, @COLA int, @COLB int, @COLC int, @COLD int;
EXEC OpenCr @OCr = @Crs OUTPUT;
FETCH NEXT FROM @Crs INTO @COLA, @COLB, @COLC
WHILE (@@FETCH_STATUS <> -1)
BEGIN
 FETCH NEXT FROM @Crs INTO @COLA, @COLD, @COLC
END;
CLOSE @Crs;
DEALLOCATE @Crs;

SELECT @COLA, @COLD, @COLC
```

What is the output from the code in the problem above?

- 10 60 1
- 8 40 10
- 8 NULL 10
- 10 NULL 1
- 9 50 1

62. What is the format that allows XML-based inserts, updates, and deletes in SQL Server?
    a. XSL
    b. IIS/ISAPI
    c. SOAP
    d. HTTP
    e. Updategrams or OPENXML T-SQL function

Orders		
PK	**OrderID**	**Int**
	CustomerID Date	int datetime

OrderItems		
PK	**OrderLineID**	**Int**
	ProductID Quantity	int int

63. Given the current database schema above, how do you change the schema to implement a relationship between the Orders table and the OrderItems table and also ensure that the tables are optimized for data integrity?
    f. Create a foreign key on the OrderLineID column (of the OrderItems table) referencing the OrderID column of the Orders table. Add an OrderID column to the OrderItems table.
    g. Add an OrderID column to the OrderItems table as part of the primary key and create a foreign key on the new OrderID column that references the OrderID column of the Orders table.
    h. Create a new table with OrderID and OrderLineID columns that link to the other two tables.
    i. Add an OrderID column to the OrderItems table as part of the primary key.
    j. Create a new table with OrderID and OrderLineID columns that link to the other two tables. Both columns form the primary key of the new table.

64. As the Database Programming Lead for an important database application being developed at your company, you are responsible for leading the design and development efforts for a richly featured database. This database will contain numerous and complex foreign key references. Requiring the development team to account for all of these references when deleting data from tables with several other tables in the reference chain would be overwhelming, so you have decided to handle cascading deletes for them.
    Referring to the scenario above, which one of the following methods do you use to implement a cascading delete in order to ensure referential integrity?
    k. Create triggers on the appropriate tables and enable the nested trigger option for the server.
    l. Create triggers on the appropriate tables.
    m. Use ON DELETE CASCADE as one of the REFERENCES clauses of the foreign key in the CREATE/ALTER TABLE statement.
    n. Use the WITH CASCADE option of the CREATE/ALTER TABLE statement when creating or changing the table.
    o. Do nothing. Cascading deletes is the default option with the FOREIGN KEY clause of the CREATE/ALTER TABLE statement when creating or changing the table.

2. What is the difference between the keywords GRANT, DENY, and REVOKE?
    f. GRANT and DENY can be executed by the owner of the object.
    REVOKE can only be executed by the database owner or system administrator.

g. GRANT allows permission.
DENY explicitly refuses permission and overrides GRANT.
REVOKE removes permission settings set by DENY or GRANT.

h. GRANT removes all DENY permission settings.
DENY explicitly refuses permission.
REVOKE removes permission from an entire database and can only be executed by the database owner or system administrator.

i. GRANT gives permission and overrides DENY and REVOKE.
DENY explicitly refuses permission.
REVOKE removes permission settings set by DENY and GRANT.

j. GRANT allows permission.
DENY explicitly refuses permission and overrides GRANT and REVOKE.
REVOKE removes all GRANT permission settings.

Answer:

GRANT allows permission.
DENY explicitly refuses permission and overrides GRANT and REVOKE.
REVOKE removes all GRANT permission settings.

3. A new project tracking application is being designed by the development team at your company. One important area of the application is status reporting. A status report must have a single distinguishing column as the primary key that does not reuse values used in the past, a column for the name of the user that entered the report, and a column for textual input of significant but not unlimited size.
Which one of the following is a valid CREATE TABLE statement that satisfies the requirements in the scenario above?

k. CREATE TABLE ProjectStatus
(ReportID int IDENTITY (1,1) PRIMARY KEY, UserName varchar (24), Report varchar (8000))

l. CREATE TABLE ProjectStatus
(ReportID uniqueidentifier ROWGUIDCOL PRIMARY KEY, UserName varchar (24), Report varchar (8000))

m. CREATE TABLE ProjectStatus
(ReportID uniqueidentifier IDENTITY (1,1) PRIMARY KEY, UserName varchar (24), Report varchar (8000))

n. CREATE TABLE ProjectStatus
(ReportID int ROWGUIDCOL PRIMARY KEY, UserName varchar (24), Report varchar (8000))

o. CREATE TABLE ProjectStatus
(ReportID uniqueidentifier PRIMARY KEY, UserName varchar (24), Report varchar (8000))

4. <root>
<sql:query xmlns:sql="urn:schemas-microsoft-com:xml-sql">
SELECT * FROM PRODUCTS WHERE [pid]<>0 FOR XML AUTO
</sql:query>
</root>
What is the purpose of the XML segment in the sample code above?
    p. It is an XML template that can be accessed through a HTTP call.
    q. If opened in Internet Explorer 5.5 or above, it will execute the query embedded within it.
    r. It is an XML PATH presented by the Meta Data Repository.
    s. It is an XDR describing the scope of an XML document.
    t. If the query is executed, it will list the products from Microsoft.com.
5. When are constraints checked on a table with INSTEAD OF and AFTER triggers?
    u. After the INSTEAD OF triggers and before the AFTER trigger
    v. Before an INSTEAD OF trigger set to execute last by sp_settriggerorder
    w. Before the INSTEAD OF and AFTER triggers
    x. Before an INSTEAD OF UPDATE or INSTEAD OF INSERT trigger but after an INSTEAD OF DELETE trigger
    y. After the INSTEAD OF and AFTER triggers

6. You are responsible for the maintenance and performance of a large retail chain's OLTP system that performs frequent lookups and inserts, although the two operations rarely occur on the same tables. Developers for the point-of-sale software have raised concerns that the current indexing scheme may not be adequate for the upcoming holiday season rushes and subsequent load increases on the system; they have therefore requested the following changes to the indexing scheme:

    A) Add indexes on columns that reference other tables to improve performance of Foreign Keys.
    B) Remove indexes from tables that are frequent targets of INSERT statements but from which data are rarely read.
    C) Add indexes to tables that ensure that the data are entered in the proper location in the table as fast as possible.
    D) Remove indexes from moderately sized tables to improve performance of SELECT queries that return most or all of the rows in the table.
    Referring to the scenario above, which one of the following sets of suggestions do you implement in order to maximize response time of SQL Server queries?
    z. Suggestions A and B only
    aa. Suggestions A and C only
    bb. Suggestions A, B, and C
    cc. Suggestions A, B, and D

dd. Suggestions A, C, and D

7. Which one of the following modifiers do you use when declaring a primary key constraint on a column?
   ee. Index or noindex
   ff. Unique or non-unique
   gg. Simple or complex
   hh. Null or not null
   ii. Clustered or nonclustered
   jj. CLUSTERED | NONCLUSTERED
   kk. Indicate that a clustered or a nonclustered index is created for the PRIMARY KEY or UNIQUE constraint. PRIMARY KEY constraints use CLUSTERED, and UNIQUE constraints use NONCLUSTERED.
   ll. CLUSTERED can be specified for only one constraint. If CLUSTERED is specified for a UNIQUE constraint and a PRIMARY KEY constraint is also specified, the PRIMARY KEY uses NONCLUSTERED.
   mm. CLUSTERED and NONCLUSTERED cannot be specified for CLR table-valued functions.
8. Which one of the following statements about Defaults is true?
   nn. An error occurs if the value defined by the DEFAULT object is too long for its bound column.
   oo. DEFAULT objects cannot be bound to user-defined data types.
   pp. A DEFAULT definition and a DEFAULT object are synonymous.
   qq. You must delete the existing DEFAULT definition to modify it.
   rr. The value entered into the column by the DEFAULT object is not validated by CHECK constraints.

9. Your application uses table level INDEX hints to increase the performance of certain SELECT queries.

   Referring to the scenario above, which one of the following situations causes the hints to become obsolete?

   ss. A change in index strategy is made on the table.
   tt. The addition of a trigger to the table referenced by the hint.
   uu. A check constraint is added to the table.
   vv. The table becomes referenced by a FOREIGN KEY constraint in a subordinate table.
   ww. The table is altered to modify the nullability of certain columns.

10. Given that the Data Object interface will be used from a custom application, that is NOT written in .NET, which one of the following do you use to create a Data Object interface accessing SQL Server 2005?
    xx. Jet
    yy. Data Access Objects (DAO)
    zz. ActiveX Data Objects (ADO)
    aaa. SQL Native Client OLE DB
    bbb. Remote Data Objects (RDO)

New Questions included in this year:

Sample Code

```
CREATE TABLE dbo.t (i int)
go
CREATE FUNCTION dbo.t (@I int)
RETURNS int
AS
BEGIN
DECLARE @iret int
  SET @I=@I*@I
  RETURN @iret
END
GO
```

Question

What is the result of running the script in the sample code above?

Choice 1

TABLE dbo.t and FUNCTION dbo.t are created.

Choice 2

FUNCTION dbo.t is not created because parameter @I cannot be modified.

Choice 3

FUNCTION dbo.t is created, but errors upon execution.

Choice 4

FUNCTION dbo.t is not created because object "dbo.t" already exists.

Choice 5

FUNCTION dbo.t is created and causes TABLE dbo.t to be dropped.

Ans:4

Question

Which one of the following stored procedure calls forces an INSTEAD OF DELETE trigger to fire after any other INSTEAD OF triggers?

Choice 1

sp_settriggerorder @triggername = 'MyDeleteTrigger', @order = 'last', @stmttype = 'DELETE'

Choice 2

sp_helpindex 'MyDeleteTrigger','last','Delete'

Choice 3	sp_settriggerorderlast 'MyDeleteTrigger','Delete'
Choice 4	sp_settriggerorderlast 'MyDeleteTrigger'
Choice 5	sp_setspecial_columns 'MyDeleteTrigger','last'

Ans:1

List

A. The stored procedure generates very different search arguments, depending on the parameters passed.
B. New columns have been added to a table and the procedure uses select *.
C. Underlying tables referenced by the procedure are changed constantly.
D. A new index has been added that could be useful.
E. The stored procedure will execute remotely.

Question

Referring to the above list, in which circumstances do you want to execute a stored procedure "with recompile"?

Choice 1	A and D only
Choice 2	A and E only
Choice 3	B, C, and E only
Choice 4	A, C, and D only
Choice 5	A, B, C, D, and E

Ans:4

Question

Which one of the following T-SQL statements is directly permitted in a Stored Procedure?

Choice 1	CREATE VIEW
Choice 2	CREATE TABLE
Choice 3	CREATE TRIGGER
Choice 4	ALTER PROCEDURE
Choice 5	ALTER FUNCTION

Ans:2

Question	How do primary and foreign key constraints enforce data integrity?
Choice 1	They establish relationships between rows.
Choice 2	They specify a condition that a row must satisfy.
Choice 3	They identify rows.
Choice 4	They uniquely identify rows or establish relationships between rows.
Choice 5	They specify a condition that rows must satisfy, and identify rows or establish relationships between rows.

Ans:5

Question	Which one of the following is NOT a characteristic of a correlated subquery?
Choice 1	Inner query relies on data from the outer query.
Choice 2	Inner query is executed once for each row of the outer query.
Choice 3	The same task can often be accomplished using joins.
Choice 4	Subquery must use grouping and aggregation.
Choice 5	Subquery returns a single value or list of values for each row of the outer query.

Ans: 5

Question	Which one of the following statements about the creation of views in SQL Server is true?
Choice 1	Views cannot execute stored procedures.
Choice 2	Views can reference more than 1024 columns.

Choice 3	Views can reference temporary tables.
Choice 4	Views can contain statement batches.
Choice 5	Statements within views may include the keywords ORDER BY, COMPUTE, COMPUTE BY, and INTO.

Ans:1

Progress:

Ans:

Problem	You need to start a SQL Server Profiler trace automatically.
Question	Referring to the problem above, which one of the following stored procedures do you use to begin the trace?
Choice 1	sp_trace_setstatus
Choice 2	sp_trace_create
Choice 3	sp_trace_setevent
Choice 4	sp_trace_generateevent
Choice 5	sp_trace_setfilter

Ans:1

MS SQL Server 2005 Programming

2 Min. 47 Sec. Remaining

Progress:

Question	Which one of the following displays a valid query that updates the prices of products from the first five vendors?
Choice 1	UPDATE Products SET Price=Price*1.1 WHERE Products.VendorID EXISTS (SELECT TOP 5 VendorID FROM Vendors)
Choice 2	UPDATE Products P SET Price=Price*1.1 WHERE P.VendorID BETWEEN (SELECT TOP 5 VendorID FROM Vendors)

Choice 3

```
UPDATE Products
  SET Price=Price*1.1
  WHERE VendorID EXISTS
    (SELECT TOP 5 VendorID FROM Vendors)
```

Choice 4

```
UPDATE Products
  SET Price=Price*1.1
  FROM Products P JOIN
    (SELECT TOP 5 VendorID FROM Vendors) Ven
      ON (P.VendorID=Ven.VendorID)
```

Choice 5

```
UPDATE Products P
  SET Price=Price*1.1
  FROM Products JOIN
    (SELECT TOP 5 VendorID FROM Vendors) Ven
      ON (P.VendorID=Ven.VendorID)
```

Ans:4

Question

Which set of key words related to subqueries, used with their proper syntax, are NOT essentially equivalent?

Choice 1

EXISTS, = ANY

Choice 2

NOT EXISTS, NOT IN

Choice 3

SOME, ANY

Choice 4

ALL, ANY

Choice 5

EXISTS, IN

Ans:4

Question

Which one of the following is among the conditions required for creating indexed views?

Choice 1

HAVING, CUBE, and ROLLUP are never allowed.

Choice 2

All functions referenced in the indexed view must be deterministic except when in use with NO EXPAND.

Choice 3

When using a GROUP BY within the indexed view, the SELECT list must contain COUNT_BIG(*).

Choice 4

NUMERIC_ROUNDABORT and ANSI_NULLS must be set to OFF.

Choice 5

The settings ARITHABORT, CONCAT_NULL_YIELDS_NULL, QUOTED_IDENTIFIER, ANSI_PADDING, and

NUMERIC_ROUNDABORT must be set to ON.

Ans: 3

Question As a general rule, which one of the following characteristics should the columns participating in a Nonclustered index exhibit?

Choice 1 Be primarily the target of frequent, multiple row updates

Choice 2 Have a low number of distinct values

Choice 3 Be used primarily in retrievals based on a range of values

Choice 4 Be used primarily in retrievals based on an exact value match

Choice 5 Be a foreign key column in a decision support system

Ans:5

Question If a Clustered index is created without the UNIQUE property, what does SQL Server do to the table?

Choice 1
It sorts the table and no extra columns or indexes are needed.

Choice 2
It adds a unique column to the table that cannot be read by users.

Choice 3 It creates a primary key index that can be read by users.

Choice 4
It adds a unique column to the table that can be read by users.

Choice 5 It creates a unique Nonclustered index that cannot be read by users.

Ans:2

T-SQL Statement	`UPDATE test SET COL1=Null WHERE COL1=10`
Question	When the above TL-SQL statement causes a trigger to fire, which one of the following tables do you use to check for old values?
Choice 1	tempdb
Choice 2	inserted
Choice 3	master
Choice 4	deleted
Choice 5	test

Ans:4

Question	Which one of the following T-SQL statements is directly permitted in a Stored Procedure?
Choice 1	ALTER FUNCTION
Choice 2	CREATE TRIGGER
Choice 3	CREATE TABLE
Choice 4	CREATE VIEW
Choice 5	ALTER PROCEDURE

Ans:3

Question	What are two important differences between OLTP and OLAP?
Choice 1	OLTP accesses small amounts of data per transaction; OLAP accesses large amounts of data; OLTP is more closely related to EIS than OLAP is to EIS.
Choice 2	OLTP supports daily operations; OLAP supports summary data; OLTP is more concerned with transaction isolation than OLAP.
Choice 3	OLTP is non-volatile; OLAP is volatile; OLAP returns summaries of data very quickly.

Choice 4

OLTP supports daily operations; OLAP supports summary data; OLAP models are more relational than OLTP models.

Choice 5

OLTP is volatile; OLAP is non-volatile; OLTP contains more historical data than OLAP.

Ans:3

Sample Code

```
create trigger MyTrigger
on T1 for insert as

 if @@rowcount = 0 return
 if @@rowcount <>
   (select count(*) from
     inserted i, T2 t where i.ColA=t.ColA)
 begin
   insert T2 (ColA)
   select distinct ColA from inserted
   where ColA not in (select ColA from T2)
   if @@error <> 0
   begin
     raiserror('Error in MyTrigger!',16,1)
     rollback transaction
   end
 end
```

Question

Referring to the above sample code, what is wrong with the code, when Trigger MyTrigger inserts a row in a referenced table in order to maintain referential integrity?

Choice 1

The trigger needs to return after handling the error.

Choice 2

You cannot nest subqueries in an insert statement.

Choice 3

The trigger must check that it is at the top nesting level before performing an insert.

Choice 4

Error checking is only required at the end of the transaction.

Choice 5

Global variable @@rowcount is changed by the first if statement

Ans:3

Question

What is a difference between a Stored Procedure and a User-defined Function?

Choice 1

Functions do not permit parameters.

Choice 2

Functions cannot execute Stored Procedures.

Choice 3

UDFs can change the server environment or the operating system environment.

Choice 4	Stored Procedures cannot be used in an expression.
Choice 5	Stored Procedures can return any data type in place of their names.

Ans:4

Question	When is it acceptable to specify FILLFACTOR=100 in a CREATE INDEX statement?
Choice 1	When you would like the pages of the indexes to be completely padded with empty space
Choice 2	When you are not concerned about running out of disk space
Choice 3	When you are allowing index pages to become completely filled before having to reindex
Choice 4	When you are sure the index values will never change
Choice 5	When you feel the index values are highly volatile

Ans: 4

Question	How does Dynamic Locking benefit database performance?
Choice 1	It does not improve or degrade locking performance; it simplifies database administration.
Choice 2	It reduces system overhead by selecting the lock type that minimizes concurrency cost.
Choice 3	It does not improve or degrade locking performance; it allows developers to ignore most typical locking issues.
Choice 4	It reduces system overhead by selecting the lock type that minimizes locking cost.
Choice 5	It reduces system overhead by selecting the lock type that is appropriate for the task.

Ans:5

Question	Which one of the following SQL Server features allows for the ability to update data through views?
Choice 1	Extended properties
Choice 2	INSTEAD OF triggers

Choice 3	Ability to index on computed columns
Choice 4	User-defined functions
Choice 5	ON DELETE and ON UPDATE clauses

Ans: 2

Question	When are constraints checked on a table with INSTEAD OF and AFTER triggers?
Choice 1	After the INSTEAD OF and AFTER triggers
Choice 2	Before the INSTEAD OF and AFTER triggers
Choice 3	Before an INSTEAD OF trigger set to execute last by sp_settriggerorder
Choice 4	After the INSTEAD OF triggers and before the AFTER trigger
Choice 5	Before an INSTEAD OF UPDATE or INSTEAD OF INSERT trigger but after an INSTEAD OF DELETE trigger

Ans:4

T-SQL Code

```
-- Function returns name of month
1) CREATE FUNCTION dbo.GetMonthName
2) (@date datetime)
3) RETURNS int
4) AS
5) BEGIN
6)         RETURN DATENAME(month, @date);
7) END;
8) GO
9) SELECT dbo.GetMonthName(getdate())
```

Question	Which line in the above T-SQL code contains an error?
Choice 1	Line 1
Choice 2	Line 2
Choice 3	Line 3

Choice 4 — Line 6

Choice 5 — Line 7

Ans:5

Question — When you create a view with SCHEMABINDING, what does it do?

Choice 1 — It prevents users without schema permissions from accessing the view.

Choice 2 — It allows updates to underlying tables that automatically update the view.

Choice 3 — It prevents the view from being altered.

Choice 4 — It creates a new schema based on the view name, and it binds the view to the schema.

Choice 5 — It prevents the base table or tables from being modified in a way that would affect the view definition.

Ans:5

Question — When you need to perform complex calculations or access external resources in SQL Server 2005, which one of the following programming methods do you use?

Choice 1 — CLR Stored Procedure

Choice 2 — SQL Server Management Studio

Choice 3 — CLR User Defined Type

Choice 4 — T-SQL Stored Procedure

Choice 5 — T-SQL View

Ans:4

Sample Code

```
CREATE PROC TestProc
@I int OUTPUT
AS
SET @I=1
RAISERROR ('An error',18,50)
SET @I=@@ERROR
go

DECLARE @I int
EXEC TestProc @I=@I OUTPUT
SELECT @I
go
```

Question What does the last line (SELECT @I) display in the sample code above?

Choice 1 0

Choice 2 1

Choice 3 18

Choice 4 50

Choice 5 50000

Ans:3

Question Which one of the following modifiers do you use when declaring a primary key constraint on a column?

Choice 1 Clustered or nonclustered

Choice 2 Null or not null

Choice 3 Unique or non-unique

Choice 4 Simple or complex

Choice 5 Index or noindex

Ans:1

Question Which one of the following is NOT a characteristic of a nested subquery?

Choice 1 It can be part of the SELECT clause.

Choice 2	It can return a single value to the outer query.
Choice 3	It can return a list of values to the outer query.
Choice 4	It can be part of the WHERE clause.
Choice 5	It can return multiple columns in a single row or multiple rows

Ans: 5

Question	Which one of the following T-SQL statements is directly permitted in a Stored Procedure?
Choice 1	ALTER PROCEDURE
Choice 2	CREATE VIEW
Choice 3	CREATE TRIGGER
Choice 4	ALTER FUNCTION
Choice 5	CREATE TABLE

Ans:5

Sample Code

```
<root>
<sql:query xmlns:sql="urn:schemas-microsoft-com:xml-sql">
SELECT * FROM PRODUCTS WHERE [pid]<>0 FOR XML AUTO
</sql:query>
</root>
```

Question	What is the purpose of the XML segment in the sample code above?
Choice 1	It is an XDR describing the scope of an XML document.
Choice 2	It is an XML template that can be accessed through a HTTP call.
Choice 3	It is an XML PATH presented by the Meta Data Repository.

Choice 4 If opened in Internet Explorer 5.5 or above, it will execute the query embedded within it.

Choice 5 If the query is executed, it will list the products from Microsoft.com.

ANs:2

T-SQL Code

```
-- Function returns name of month
1) CREATE FUNCTION dbo.GetMonthName
2) (@date datetime)
3) RETURNS int
4) AS
5) BEGIN
6)          RETURN DATENAME(month, @date);
7) END;
8) GO
9) SELECT dbo.GetMonthName(getdate())
```

Question Which line in the above T-SQL code contains an error?

Choice 1 Line 1

Choice 2 Line 2

Choice 3 Line 3

Choice 4 Line 6

Choice 5 Line 7

Ans:5

Problem **Table [dbo].[test]**

N	I
23.12346	500

T-SQL

```
SELECT CAST(I AS CHAR(2)), CONVERT(MONEY, N),
CAST(CONVERT(INT, I + N) AS VARCHAR(3)) FROM dbo.test
```

Question What is the output from the T-SQL code in the problem above?

Choice 1 23, 23.123456, 523

Choice 2 23, 23.1235, *

Choice 3	23, 23.123456, 523.123456
Choice 4	*, 23.1234, *
Choice 5	*, 23.1235, 523

Ans:5

Question	Which one of the following is among the conditions required for creating indexed views?
Choice 1	All functions referenced in the indexed view must be deterministic except when in use with NO EXPAND.
Choice 2	The settings ARITHABORT, CONCAT_NULL_YIELDS_NULL, QUOTED_IDENTIFIER, ANSI_PADDING, and NUMERIC_ROUNDABORT must be set to ON.
Choice 3	NUMERIC_ROUNDABORT and ANSI_NULLS must be set to OFF.
Choice 4	When using a GROUP BY within the indexed view, the SELECT list must contain COUNT_BIG(*).
Choice 5	HAVING, CUBE, and ROLLUP are never allowed.

Ans:4

Sample Code	1) begin transaction 2) insert MyTable values (1,2,3,4) 3) if @@error <> 0 goto error_handler 4) commit transaction 5) 6) error_handler: 7) rollback transaction
Question	Which one of the following is missing from line 5 in the sample code above?
Choice 1	return
Choice 2	exit
Choice 3	skip next

Choice 4	end transaction
Choice 5	end

Ans:1

Stored Procedure	1. CREATE PROCEDURE myStoredProc 2. @ID uniqueidentifier OUTPUT, 3. @Name varchar (32) 4. AS 5. IF @ID IS NULL 6. SET @ID = NEWID() 7. INSERT myTable 8. (ID, Name) VALUES (@ID, @Name)
Question	When the above stored procedure creation script is changed so that the @ID parameter has a default value of NULL, which one of the following replacements for Line 2 is correct?
Choice 1	@ID uniqueidentifier NULL OUTPUT,
Choice 2	@ID uniqueidentifier = NULL OUTPUT,
Choice 3	OPTIONAL @ID uniqueidentifier DEFAULT NULL OUTPUT,
Choice 4	@ID uniqueidentifier DEFAULT NULL OUTPUT,
Choice 5	OPTIONAL @ID uniqueidentifier = NULL OUTPUT

Ans:2

T-SQL Query

MyTable
ColA
abcde
HELLO
THERE
my
Friend
partner

```
select ColA from MyTable
where ColA < 'hello'
```

Question

How many rows does the query above return if the SQL Server uses the default sort order?

Choice 1 1 row

Choice 2 2 rows

Choice 3 3 rows

Choice 4 4 rows

Choice 5 5 rows

Ans: 5

List

A. The stored procedure generates very different search arguments, depending on the parameters passed.
B. New columns have been added to a table and the procedure uses select *.
C. Underlying tables referenced by the procedure are changed constantly.
D. A new index has been added that could be useful.
E. The stored procedure will execute remotely.

Question

Referring to the above list, in which circumstances do you want to execute a stored procedure "with recompile"?

Choice 1 A and D only

Choice 2 A and E only

Choice 3 B, C, and E only

Choice 4 A, C, and D only

Choice 5 A, B, C, D, and E

Ans:4

Script

```
CREATE PROCEDURE P1
@P1_1 Int output
AS
SELECT @P1_1=SCOPE_IDENTITY()
INSERT INTO T2 (T) VALUES ('sometext')
GO

DECLARE @P1O int
INSERT INTO T1 (T) VALUES ('sometext')
INSERT INTO T2 (T) VALUES ('sometext')
EXEC P1 @P1_1=@P1O output

SELECT @P1O,SCOPE_IDENTITY(), @@IDENTITY, IDENT_CURRENT('T1'),
IDENT_CURRENT('T2')
```

Question

If both tables T1 and T2 are defined with two fields, "I INT IDENTITY(1,1), T CHAR(10)", running the script above results in which one of the following?

Choice 1 1, 1, 2, 1, 2

Choice 2 Null, 1, 2, 2, 2

Choice 3 Null, 3, 2, 1, 2

Choice 4 Null, Null, 2, 1, 2

Choice 5 Null, 1, 2, 1, 2

Ans:5

Question

When you need to perform complex calculations or access external resources in SQL Server 2005, which one of the following programming methods do you use?

Choice 1 T-SQL View

Choice 2 CLR Stored Procedure

Choice 3 SQL Server Management Studio

Choice 4 CLR User Defined Type

Choice 5	T-SQL Stored Procedure

ANs: 5

Exam 4:

List

A. The stored procedure generates very different search arguments, depending on the parameters passed.
B. New columns have been added to a table and the procedure uses select *.
C. Underlying tables referenced by the procedure are changed constantly.
D. A new index has been added that could be useful.
E. The stored procedure will execute remotely.

Question

Referring to the above list, in which circumstances do you want to execute a stored procedure "with recompile"?

Choice 1	A and D only
Choice 2	A and E only
Choice 3	B, C, and E only
Choice 4	A, C, and D only

Choice 5	A, B, C, D, and E

Ans:4

Scenario	You are the database developer for a small database application team. The team has requested that the DBMS supply more meaningful error messages for known situations so they can more easily trap the errors in the application and thus handle them more efficiently. You would like to create (and store) custom error messages within SQL Server that can be passed to the application calling the stored procedure or causing a trigger to execute.
Question	Referring to the scenario above, which one of the following methods do you use to create custom error messages in SQL Server?
Choice 1	Use the xp_addmessage extended stored procedure.
Choice 2	Install the Custom Error Messages add-in from the SQL Server Resource Kit.
Choice 3	Use the CREATE MESSAGE DDL statement.
Choice 4	Insert a row in the syserrors table.
Choice 5	Use the sp_addmessage system stored procedure.

Ans:5

Sample Code

```
CREATE PROC TestProc
@I int OUTPUT
AS
SET @I=1
RAISERROR ('An error',18,50)
SET @I=@@ERROR
go

DECLARE @I int
EXEC TestProc @I=@I OUTPUT
SELECT @I
go
```

Question	What does the last line (SELECT @I) display in the sample code above?
Choice 1	0

Choice 2	1
Choice 3	18
Choice 4	50
Choice 5	50000

Ans:3

Question	Which one of the following is NOT a characteristic of a nested subquery?
Choice 1	It can be part of the SELECT clause.
Choice 2	It can return a single value to the outer query.
Choice 3	It can return a list of values to the outer query.
Choice 4	It can be part of the WHERE clause.
Choice 5	It can return multiple columns in a single row or multiple rows

Ans: 5

Question	Which one of the following is NOT a characteristic of a nested subquery?
Choice 1	It can be part of the SELECT clause.
Choice 2	It can return a list of values to the outer

	query.
Choice 3	It can be part of the WHERE clause.
Choice 4	It can return a single value to the outer query.
Choice 5	It can return multiple columns in a single row or multiple rows.

ANSWER: CHOICE 5

MS SQL Server 2005 Programming

Progress:

2 Min. 55 Sec. Remaining

List

A. The stored procedure generates very different search arguments, depending on the parameters passed.
B. New columns have been added to a table and the procedure uses select *.
C. Underlying tables referenced by the procedure are changed constantly.
D. A new index has been added that could be useful.
E. The stored procedure will execute remotely.

Question

Referring to the above list, in which circumstances do you want to execute a stored procedure "with recompile"?

Choice 1 A and D only

Choice 2 A and E only

Choice 3 B, C, and E only

Choice 4 A, C, and D only

Choice 5 A, B, C, D, and E

Record Answer MS SQL Server 2005 Programming, Question 2 of 40

Take a 15 minute break AFTER this question

ANSWER: CHOICE 4

BpZ9UqCupo0* 98-D5HJXTAJ7A:

MS SQL Server 2005 Programming

Progress:

2 Min. 54 Sec. Remaining

Question In SQL Server Profiler, what happens if a maximum file size is specified on a trace, "Enable file-rollover" is not selected, and the trace file reaches that specified size?

Choice 1 Profiler continues beyond the size of the file anyway and displays a warning.

Choice 2 Profiler automatically creates new files with numbers, beginning with one appended to the file name.

Choice 3 The trace file is deleted and a new one is started with the same name.

Choice 4 Further events are not written to the file, but continue to appear on the screen.

Choice 5 Further events are not written to the file and to the screen.

Record Answer MS SQL Server 2005 Programming, Question 9 of 40

Take a 15 minute break AFTER this question

ANSWER: CHOICE 5

SmajsxWOWx4* | 98-D5HJXTAJ7A:

MS SQL Server 2005 Programming

1 Min. 10 Sec. Remaining

Progress:

Statement

```
ALTER TABLE dbo.CustAddresses ADD
CONSTRAINT FK_CustAddress_CustID FOREIGN KEY
(CustID) REFERENCES dbo.Customer(CustID)
ON UPDATE NO ACTION
ON DELETE CASCADE,
CONSTRAINT FK_CustAddress_ZipCode FOREIGN KEY
(ZC) REFERENCES dbo.ZipCode(ZC)
ON UPDATE CASCADE
ON DELETE NO ACTION
```

Question

Which one of the following describes the results of the constraints applied by the ALTER TABLE statement above?

Choice 1 (●)
It automatically removes customers linked to the address being deleted and automatically updates Zip codes in the CustAddresses table if the Zip code is modified in the ZipCode table.

Choice 2 ( )
It automatically removes customers linked to the address being deleted and automatically updates Zip codes that have been modified.

Choice 3 ( )
It automatically removes addresses from customers being deleted and automatically updates Zip codes in the CustAddresses table if the Zip code is modified in the ZipCode table.

Choice 4 ( )
It automatically removes customers being deleted and automatically updates Zip codes that have been modified.

Choice 5 ( )
Updates to the CustID field in the CustAddresses table do not propagate the CustID field in the Customer table.

Record Answer

MS SQL Server 2005 Programming, Question 19 of 40

Take a 15 minute break AFTER this question
ANSWER: CHOICE 3

MS SQL Server 2005 Programming

Progress:

2 Min. 30 Sec. Remaining

Question How do primary and foreign key constraints enforce data integrity?

Choice 1 They uniquely identify rows or establish relationships between rows.

Choice 2 They establish relationships between rows.

Choice 3 They identify rows.

Choice 4 They specify a condition that a row must satisfy.

Choice 5 They specify a condition that rows must satisfy, and identify rows or establish relationships between rows.

Record Answer

MS SQL Server 2005 Programming, Question 25 of 40

ANSWER: CHOICE 5

MS SQL Server 2005 Programming

Progress:

2 Min. 48 Sec. Remaining

Problem **Table [dbo].[test]**

COLA	COLB	COLC	COLD
100	20	90	5
NULL	5	NULL	70
8	NULL	10	40
10	60	1	NULL
9	NULL	1	50

T-SQL

```
CREATEPROCEDURE OpenCr @OCr CURSORVARYINGOUTPUTAS
  SET @OCr =CURSORFOR
  SELECTTOP 2 COLA, COLD, COLC FROM test WHERE COLB ISNULL;
  OPEN @OCr;
GO
```

```
DECLARE @Crs CURSOR, @COLA int, @COLB int, @COLC int, @COLD int;
EXEC OpenCr @OCr = @Crs OUTPUT;
FETCH NEXT FROM @Crs INTO @COLA, @COLB, @COLC
WHILE(@@FETCH_STATUS<>-1)
BEGIN
  FETCH NEXT FROM @Crs INTO @COLA, @COLD, @COLC
END;
CLOSE @Crs;
DEALLOCATE @Crs;

SELECT @COLA, @COLD, @COLC
```

Question What is the output from the code in the problem above?

Choice 1 9 50 1

Choice 2 10 60 1

Choice 3 10 NULL 1

Choice 4 8 NULL 10

Choice 5 8 40 10

ANSWER: CHOICE 1

Scenario Your application uses table level INDEX hints to increase the performance of certain SELECT queries.

Question Referring to the scenario above, which one of the following situations causes the hints to become obsolete?

Choice 1 A change in index strategy is made on the table.

Choice 2 The addition of a trigger to the table referenced by the hint.

Choice 3 The table becomes referenced by a FOREIGN KEY constraint in a subordinate table.

Choice 4 The table is altered to modify the nullability of certain columns.

Choice 5 A check constraint is added to the table.

ANSWER: CHOICE 3

2.

Sample Code

```
create trigger MyTrigger
on T1 for insert as

 if @@rowcount = 0 return
 if @@rowcount <>
   (select count(*) from
     inserted i, T2 t where i.ColA=t.ColA)
 begin
   insert T2 (ColA)
   select distinct ColA from inserted
   where ColA not in (select ColA from T2)
   if @@error <> 0
   begin
     raiserror('Error in MyTrigger!',16,1)
     rollback transaction
   end
 end
```

Question

Referring to the above sample code, what is wrong with the code, when Trigger MyTrigger inserts a row in a referenced table in order to maintain referential integrity?

Choice 1

Error checking is only required at the end of the transaction.

Choice 2

The trigger must check that it is at the top nesting level before performing an insert.

Choice 3

Global variable @@rowcount is changed by the first if statement

Choice 4

You cannot nest subqueries in an insert statement.

Choice 5

The trigger needs to return after handling the error.

ANSWER: CHOICE 2

3.

Question

Which one of the following is NOT a characteristic of a nested subquery?

Choice 1

It can be part of the SELECT clause.

Choice 2

It can return a list of values to the outer query.

Choice 3

It can be part of the WHERE clause.

Choice 4

It can return a single value to the outer query.

Choice 5

It can return multiple columns in a single row or multiple rows.

ANSWER: CHOICE 5

```
CREATE TABLE T3 (somecolumn1 int)
go
ALTER TABLE T3 ADD somecolumn2 int
SELECT somecolumn2 FROM T3
go
SELECT * FROM T3
go
```

Question Which one of the following statements regarding the sample code above is true?

Choice 1

The code, in its entirety, constitutes a batch.

Choice 2

"SELECT * FROM T3" displays the columns somecolumn1 and somecolumn2.

Choice 3

T3 will fail to be created.

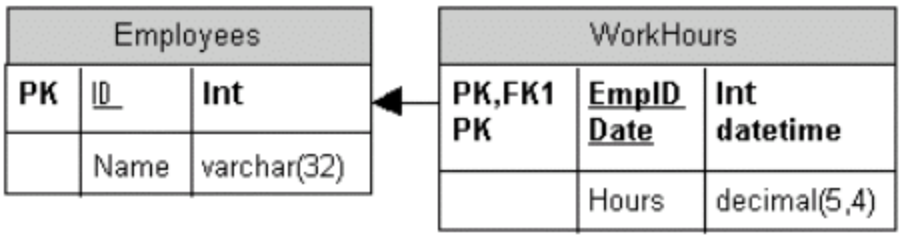
Choice 4

T3 is created, but somecolumn2 is not added.

Choice 5

Everything is rolled back.

Ans: 4



The HR department is trying to minimize overtime. Supervisors must now submit a report on Thursday afternoon showing all their employees that have worked 32 or more hours in the current week as of 12:00 PM Thursday.

Question Which one of the following SQL statements generates a report as described in the scenario above for the week of Monday, September 18, 2000?

Choice 1

SELECT E.Name, SUM(WH.Hours) HoursWorked FROM Employees E
FULL JOIN WorkHours WH ON E.ID = WH.EmpID
WHERE WH.Date BETWEEN '18 Sep 2000' AND '21 Sep 2000'
GROUP BY Name HAVING SUM(Hours) >= 32

Choice 2

SELECT E.Name, SUM(WH.Hours) HoursWorked FROM Employees E
INNER JOIN WorkHours WH ON E.ID = WH.EmpID
WHERE WH.Date BETWEEN '18 Sep 2000' AND '21 Sep 2000 12:00'
GROUP BY Name HAVING SUM(Hours) >= 32

Choice 3

SELECT E.Name, SUM(WH.Hours) HoursWorked FROM Employees E
LEFT JOIN WorkHours WH ON E.ID = WH.EmpID
WHERE WH.Date BETWEEN '18 Sep 2000' AND '22 Sep 2000 12:00'
GROUP BY Name HAVING SUM(Hours) >= 32

Choice 4

SELECT E.Name, SUM(WH.Hours) HoursWorked FROM Employees E
LEFT JOIN WorkHours WH ON E.ID = WH.EmpID
WHERE WH.Date BETWEEN #18 Sep 2000# AND #22 Sep 2000 12:00#
GROUP BY Name HAVING SUM(Hours) >= 32

Choice 5

SELECT E.Name, SUM(WH.Hours) HoursWorked FROM Employees E
RIGHT JOIN WorkHours WH ON E.ID = WH.EmpID
WHERE WH.Date BETWEEN #18 Sep 2000# AND #21 Sep 2000 12:00#
GROUP BY Name HAVING SUM(Hours) >= 32

Ans:2

Question Which one of the following statements creates a new, empty table, named TABLE2, with the same fields as TABLE1?

Choice 1

SELECT * INTO TABLE2 FROM TABLE1 WHERE NULL

Choice 2

CREATE TABLE TABLE2 FROM TABLE1

Choice 3

SELECT TOP 0 * INTO TABLE2 FROM TABLE1

Choice 4

SELECT * INTO TABLE2 FROM TABLE1 WHERE 1=1

Choice 5

CREATE TABLE TABLE2 (SELECT * FROM TABLE

Ans: 3

Question Which one of the following statements about Defaults is true?

Choice 1

A DEFAULT definition and a DEFAULT object are synonymous.

Choice 2

DEFAULT objects cannot be bound to user-defined data types.

Choice 3

The value entered into the column by the DEFAULT object is not validated by CHECK constraints.

Choice 4

An error occurs if the value defined by the DEFAULT object is too long for its bound column.

Choice 5

You must delete the existing DEFAULT definition to modify it.

Ams:5

```
-- Function returns name of month
1) CREATE FUNCTION dbo.GetMonthName
2) (@date datetime)
3) RETURNS int
4) AS
5) BEGIN
6)       RETURN DATENAME(month, @date);
7) END;
8) GO
9) SELECT dbo.GetMonthName(getdate())
```

Question Which line in the above T-SQL code contains an error?

Choice 1

Line 1

Choice 2

Line 2

Choice 3

Line 3

Choice 4

Line 6

Choice 5

Line 7

Ans:5

Question On a table, which one of the following is the function of constraints?

Choice 1

They maintain data integrity and restrict the amount of data stored in a table.

Choice 2

They improve query optimization.

Choice 3

They maintain data integrity only.

Choice 4

They restrict the amount of data stored in a table.

Choice 5

They can log security changes on a server.

Ans:3

```
create trigger MyTrigger
on T1 for insert as

 if @@rowcount = 0 return
 if @@rowcount <>
   (select count(*) from
     inserted i, T2 t where i.ColA=t.ColA)
 begin
   insert T2 (ColA)
   select distinct ColA from inserted
   where ColA not in (select ColA from T2)
   if @@error <> 0
   begin
     raiserror('Error in MyTrigger!',16,1)
     rollback transaction
   end
 end
```

Question Referring to the above sample code, what is wrong with the code, when Trigger MyTrigger inserts a row in a referenced table in order to maintain referential integrity?

Choice 1

You cannot nest subqueries in an insert statement.

Choice 2

The trigger needs to return after handling the error.

Choice 3

Global variable @@rowcount is changed by the first if statement

Choice 4

The trigger must check that it is at the top nesting level before performing an insert.

Choice 5

Error checking is only required at the end of the transaction.

ANs:4

Question When you need to perform complex calculations or access external resources in SQL Server 2005, which one of the following programming methods do you use?

Choice 1

CLR Stored Procedure

Choice 2

T-SQL View

Choice 3

T-SQL Stored Procedure

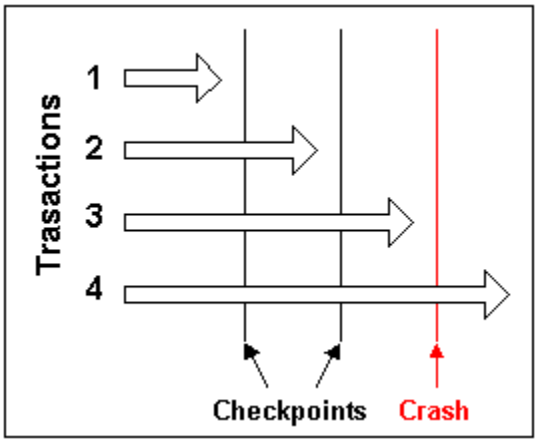
Choice 4

CLR User Defined Type

Choice 5

SQL Server Management Studio

Ans:3



Question Referring to the diagram above, given the end of the arrow is a completed transaction, which transactions are rolled back after the system failure crash?

Choice 1

Transactions 1 and 2

Choice 2

Transactions 1, 2, 3, and 4

Choice 3

Transactions 2, 3, and 4

Choice 4

Transactions 3 and 4

Choice 5

Transaction 4

ANs: 4

Question Which one of the following commands and or keywords CANNOT be included inside a trigger?

Choice 1

Create procedure

Choice 2

Truncate table

Choice 3

Update statistics

Choice 4

Drop index

Choice 5

Create index

Ans:2

Question Which one of the following statements concerning the selection of a transaction isolation level is true?

Choice 1

The less locks that are applied, the higher the concurrency.

Choice 2

The higher the isolation level, the less locks are applied.

Choice 3

The proper selection is a balance between concurrency and consistency.

Choice 4

Greater consistency occurs with a less restrictive isolation level.

Choice 5

Higher concurrency occurs with a more restrictive isolation level.

ANs:3

SELECT ROWID
FROM (SELECT ROW_NUMBER() OVER (ORDER BY EMPLOYEEID ASC) AS ROWID,
* FROM EMPLOYEE) AS T

Question How many rows are displayed from the T-SQL statement above if the EMPLOYEE table has five rows?

Choice 1

1

Choice 2

2

Choice 3

3

Choice 4

4

Choice 5

5

ANs:5

Question Which one of the following is NOT a characteristic of a correlated subquery?

Choice 1

Inner query is executed once for each row of the outer query.

Choice 2

Subquery returns a single value or list of values for each row of the outer query.

Choice 3

The same task can often be accomplished using joins.

Choice 4

Inner query relies on data from the outer query.

Choice 5

Subquery must use grouping and aggregation.

Ans:5

Question Which one of the following statements about Defaults is true?

Choice 1

An error occurs if the value defined by the DEFAULT object is too long for its bound column.

Choice 2

A DEFAULT definition and a DEFAULT object are synonymous.

Choice 3

DEFAULT objects cannot be bound to user-defined data types.

Choice 4

You must delete the existing DEFAULT definition to modify it.

Choice 5

The value entered into the column by the DEFAULT object is not validated by CHECK constraints.

Ans:4

Question As a general rule, which one of the following characteristics should the columns participating in a Nonclustered index exhibit?

Choice 1

Be primarily the target of frequent, multiple row updates

Choice 2

Have a low number of distinct values

Choice 3

Be used primarily in retrievals based on a range of values

Choice 4

Be a foreign key column in a decision support system

Choice 5

Be used primarily in retrievals based on an exact value match

ANs:4

1. Which one of the following is not a DDl?
   A. alter
   B. truncate
   C. use
   D. identity

2. Which constraint makes sure that a column should be given a value?

   A. primary key

   B. foreign key

   C. not null

3. Normalization: In which form the components have highest atomicity?

   A. ----

   B. ----

   C. ----

   D. ----

4. Which type of normalization has referential properties amongst themselves?

A. multi

5. Which of the following is directly allowed in a stored procedure?

A. alter procedure

B. create table

C. creates function.

6. XP is which type of stored procedure??**Extended**

7. Which system stored procedure is used to display all the views? **sp_tables**

8. Cursor can be used up to how many levels?

32

9. Which can be used to read values from the first value onwards using cursors?

A. forward

B. fast forward

10. Which of the following can be used in functions?

A. table

B. xml

1. Ansi_warnings is not honored wen error occurs in stored procedure or functions ..? true or false..**T**

2. Create table emp (id int, name varchar(20), sal int) which of the following is wrong in inserting data

Insert into emp values (1,'a','null')

Insert into emp values (1,'a',null)

Insert into emp(id,name)values(1,'a')

Insert into emp (name,id) values ('a',2)

3. Which one of the following T-SQL statements is directly permitted in a Stored Procedure?

ALTER PROCEDURE

CREATE VIEW

CREATE TRIGGER

ALTER FUNCTION

CREATE TABLE

4. When are constraints checked on a table with INSTEAD OF and AFTER triggers?

After the INSTEAD OF triggers and before the AFTER trigger

Before an INSTEAD OF trigger set to execute last by sp_settriggerorder

Before the INSTEAD OF and AFTER triggers

Before an INSTEAD OF UPDATE or INSTEAD OF INSERT trigger but after an INSTEAD OF DELETE trigger

After the INSTEAD OF and AFTER triggers

5.Which is not a DDL?

Alter

Truncate

Use

Identity

6.which out of the foll Stored proc types comes a part of SQL server and begin with xp_?

a)system b)user defined **c)extended** d)clr

7.which one ensure that in a relation all attributes must be atomic and every non key attribute is fully functionally dependent on key attribute for its existence?

a)1NF b)2NF c)**3NF** d)4NF e)BCNF

8.which stored procedure is used to get the structure of table created???

a) sp_help

b)sp_helpconstraint

c)sp_source code

d)sp_helptext

9.not data type in procedure

a)timestamp

b)blob

c)bigint

d) XML

10.BCNF p(a,b) as a primary r(a,b,c,d,e).....

a)it may not happen c identifies b

b) it may not happen a identifies e

c) it may happen a identifies c

d) it may happen d identifies b

11.select order.colname,customer,col.order,colname from customers,order

a)inner join

b)natural join

c)eqi join

d)Cartesian

12.**reference integrity** constraint tat establishes relation bet tables

13.Which of the Following stored procedurs displays the dependencies of view?

sp_help

sp_dependencies

sp_depends

sp_helpdepends

14.If values have to be inserted which constraint should be used?

not null

primary

unique

check

15.Which cursor type used for navigation?

fetch

forward

read

16.triggers can be nested to d maximum level

ans:**32**

17.Constraint can be applied to Table level only

T or **F**

18.Which of the Following is valid in Function?

table

text

timestamp

xml

19..which 1 of the following about creationof views in sql server is true?

ans:**view cannot have stored procedures**

C#

How do you mention the uiculture and culture?

- UICulture value determines what resource file ASP.NET needs to load. That drives all the content of the website.
- Culture value determines the results of culture-dependent functions, such as the date, number, and currency formatting, and so on.

1) What will u use to storeserver side infrequently changing information used be many users?
- Session state
- Application state
- Profile properties
- Database support

2) What are all used to preserve the server-side information?
- Session state…..sure
- Application state…sure
- Profile properties…not sure
- Database support…not sure
- Control state

3) Is it mandatory to have code-behind file in C#? T/F
   What is used to pass information from one page to another….in aspnew doc
- Query string
- Redirect

4) What can a markup have in ASP.NET?
- Referential integrity
- Code for asp.net controls or dynamic code or web server code
- activeX controls

5) What are all in Global.asax? asp.net pdf……session-11…….slide 20

- Application init
- Application end
- Session start

6) Where do you the code utility files and business objects?….in aspnew doc

- App_code
- App_data
- Bin
- App_globalresources

7) What are not there in page life cycle?….in aspnew doc

- Upload
- Activate, preinit

8) User region do not have user language? T/F

9) Two buttons with same button ID?

- Run time error
- Compiler time
- Both will fire the same event

10) <Sessionstate mode = "SQLQueer"
Cookieless= "true"
%>

- Mode of session
- Type of communication b/w client and server…session to user link…not sure

11) Which is used for storing data that can be used by global web aplications

12) How cache is implemented? ….in aspnew doc

- Application domain expires cache expire
- Page exist cache exists till that

13) Select correct statements about dynamic compilation….in aspnew doc

14) How event can be handled without an event handler?

- Public method
- Public event dec
- Protected method
- Protected event dec
- Call on eventMethod

15) Master page contains the master page itself and _____?

- One or more pages
- Page
- Templates

16) Master page can be declared by…in aspnew doc

- <@page >
- <content id = "dfsdf" masterpage file = "~master.asdfas">

17) Some question with answers.
- System.web.ui.page
- System.web.webpage
- System.web.IO

18) Which assemblies were newly added in ASP.net 3.5
- System..data.sqlclient.dll
- System.data.dll
- system.xml.linq.dll

1) What does a page object denote? (Check 3)
   a) Represent the application logic in code behind of an .aspx page
   b) U derive a web form page from page class in the code-behind technique
   c) Represent a web Forms Page requested from a server that hosts an asp.net web application
   d) Page object is only applicable when u combine the application logic and presentation logic in one form of code behind
   e) Its compiled at run time as page object and cached in server memory and serves as the naming const…. for most of the controls

2) You can code your asp.net 3.5 applications in any language compatible with Common Language Runtime?
   a) True
   b) Falsemsdn.microsoft.com/en-in/library/4w3ex9c2(v=vs.90).**asp**x

3) Which are the different ways of editing configuration settings?

   http://docs.oracle.com/cd/E29597_01/bi.1111/e10541/configsettings.htm
   a) By using text editors
   b) By using Hex Editors
   c) By using IIS configuration wizard
   d) By using configuration APIdocs.oracle.com/cd/E29597_01/bi.1111/.../**configsettings**.htm
   e) By using web site administration tool.

4)Choose correct Template Within DataList tag which we can customize(Session_04_ASP.NET Data Access Control_02(http://msdn.microsoft.com/en-in/library/bb498210.aspx
- see step 4)
)
  1) AlternatingItem Template
  2) EditItem Template
  3) Footer Template
  4) Header Template
  5) Item Template
  6) SelectedStyleitem Template

7) SeperatorStyleitem Template

- a)1,4,5,7
- b)1,2,3,4,5(corrected)
- c)1,4,5,7
- d)1,3,4,5,6

5)Which server side state management option should you use, if you are storing infrequently changed global information that is used by many users?(Select One)

a) database

b)application state

c)session

d)profilehttp://stackoverflow.com/questions/1169153/asp-net-state-management-in-appropriate-situations

6) Which statement are true about web forms?(select 3)(http://msdn.microsoft.com/en-us/library/65tcbxz3(v=vs.71).aspx)(http://www.google.co.in/#hl=en&safe=off&sclient=psy-ab&q=+web+forms+code+runs+on+server+dynamically+generates+HTML+Output&oq=+web+forms+code+runs+on+server+dynamically+generates+HTML+Output&gs_l=hp.12...1498.3997.0.5077.2.2.0.0.0.0.1615.1615.8-1.1.0...0.0...1c.1.8.psy-ab.REUKCVEhQdc&pbx=1&bav=on.2,or.r_qf.&bvm=bv.44697112,d.bmk&fp=80a341dc51d967e4&biw=1366&bih=663)

a) web forms are compatible with VB.Net and C# langauages

b) web forms code runs on server dynamically generates HTML Output

c) in web forms programming logic resides in separate file known as……..

d) web form are compatible with any language supported by >NET Configuration

7) HTML controls can be changed into HTML server Controls by adding the Attribute (select One)

a) server=”True”

b) Runat=”server”

c) ServerControls=”true”

d) HTMLServer=”True”

8) _____ passes information from one page to another(http://ramanisandeep.net/2008/11/21/passing-values-from-one-page-to-another-page-aspnet/)

a) Post Method

b) QueryString

c) Response Redirect

d) Get Method

9) Which application folder contains source code for utility classes and business objects?(select One)

a)App_Data

b)App_Browsers

c)App_codeargumentnullexception.blogspot.com/.../aspnet-special-**folder**s.html

d) Bin

e) App_GlobalResources

10) Regioninfo represents preferences of the user and does not depend on users language ……. applicable.State True or False

RegionInfo does not represent preferences of the user and does not depend on the user's language or culture.true

11)What does the Globalisation include?(Check 2)

a) it includes the process of internationalizing the application code

b) It includes localizing the application to other languages and cultures

c) it includes the process of giving global access to entire web application

D) it include localizing the application to different user groups based on their work

technet.microsoft.com/en-us/library/cc725971(v=ws.10).aspx

12) What does the following code denote(Check 2)

```
Using system

Using system.collection

Using system.globalisation

Public class MyCultureinfo {

Public static void main()

{

Cultureinfo my=ne cultureinfo(“es-ES”,false)

}
```

a)culture info class provides global info for different culture

b)denotes how to create culture info for English

c)denotes abt specific culture

d)usage of cultureinfo class

e)object for US-english

13)true about assemblies?(choose 3)(http://msdn.microsoft.com/en-us/library/d864zc1k(v=vs.71).aspx)

a)assemblies tat reside web application \bin directory do not req. @assembly directory

b)@assembly directive link an assembly to asp.net application during compilation

c)\bin directory are automatically linked to asp.net file with application

d))@assembly directive link an assembly to asp.net web pages during compilation

e)applications that reside in your web app/bin directory are global assemblies by default

14) gets or sets alter text for hidden image read by screen renders provide ability to skip the list of links

a)skip link

b)skiplink text

c)skip image

d)skip text

15)determine whether page has been process for first tym/already process by some other event(http://msdn.microsoft.com/en-in/library/system.web.ui.page.ispostback.aspx

)

a)auto postback

b)iscall back

c)isclient back

d)ispost back

16) an asp.net web page is an instance of which of the following class

a)system.web.UI.page class

b)system.web.page class

c)system.web. webpage class

D)system.web.UI.web

17) new assemblies included in asp.net 3.5?radio button means only option a

a)system.xml.linq.dll

b)system.web.ui

c)syatem.data.sql clint

d)data.datasetextensions.dll

18)Application level events can be placed in(http://msdn.microsoft.com/en-us/library/fwzzh56s)

a)the main()entry point of app

b)global.asax

c)web.config

d)first page of app

19)public delegate void my event handler(object sender,my event args e)(http://msdn.microsoft.com/en-us/library/system.eventhandler.aspx)

a)event delegate declaration…not sure

b)event trigger

c)event declaration

d)should return a delegate

20) preserve data in asp.net(http://msdn.microsoft.com/en-us/library/75x4ha6s(v=vs.100).aspx)

a)layout

b)query

c)view

d)static

e)control state/view state

21)Statements are true about datalist control.you cannot use templates with it much as you did with a repeater control(Session_04_ASP.NET Data Access Control_02)refer tis slide

A)this control is a combination of the datagrid and repeater controls

B)repeat direction property in datalist control can be used to customize the layout of control

c)its like repeater control is a template driven,light weight control

22)In a asp.net web page it is mandatory to have code written in c# or in a vb.net?(t/f)

23)which of the following should the class that raises event contain?(http://msdn.microsoft.com/en-us/library/17sde2xt(v=vs.71).aspx)

a)class must contain the attributes

b)class must contain method

c) class must contain event declaration

d)class must contain event configuration information

24)true about master page(choose 3)(Session 3 _ Designing web sites with master pages and themes)refer tis slide

a)act as a template for content pages

b)render oly part of content in web page

c)@page directive includes master page

d)some coding I think it s true(read this from slide: Page Language="C#" MasterPageFile="~/MasterPages/Master1.master" Title="Content Page" %>)

25.true about application state(choose 2)

a)application state("welcome message")="welcome"

b) application ("welcome message")="welcome"(http://msdn.microsoft.com/en-us/library/94xkskdf(v=vs.100).aspx)

c)default method that program uses to page and ctrl program value between round trip

- d)global storage mechanism access all pages in web application(Session_09_SeversideStatemanagement_Hands-on_Exercise_v1.0)refer tis slide

26)code and html element in 1 file,program code contains

a) Script runat=server

b)Script runin=same file

c)<%@ page code code file=self

d))<%@ page directory language=vb

27)

Consider while designing ur own business object?(choose 3)

a)what operation should object support

b)how will object used across layers

c)how will object will interopable with other systems

d)what should be the attributes of objects

e)object inherited from different classes

28)preserve page post backs(http://msdn.microsoft.com/en-in/library/ms972976.aspx) seetis topicTiming the Tracking of View State

a)view state

b)state server

c)page state

d)value state

29)to set encoding for all page add-------- property to web config files(http://msdn.microsoft.com/en-us/library/39d1w2xf(v=vs.100).aspx) see tis topic To specify encoding

a)encoding

b)configuration

c)globalization

d)cultureinfo

30)dynamic compilation(http://msdn.microsoft.com/en-us/library/ms366723(v=vs.90).aspx)

a)does not need parsed and compiled each and every tym

b)compiled once and stored in temporary(Compilation Folder Location)see tis topic

c)once daily when server date changes to keep itup to date

d)compiled oly page is modified

e)each tym req. from web receiver

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a)include keyboard access support for ur language

b)public delegate voideventhandler

c)attributes related to globalization

d)set ui culture and culture(syntax)

32)ASP.NET 3.5 has an integrated

1.php

2.ajax

3.flash

4.pdf

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1. Hex editor
2. Config App
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34)Not valid ASP.NET web page life cycle

1.Active

2.Init

3.Preint

4.Load

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some code qs I know d ans but I m not sure

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37.textbox background changes

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a)file encoding

b)response encoding

c)reguest encoding

d)culture info

42)in global asax???

App_inin

App_strt

Session_init

Session_end

App_error

43)code ans

Compile tym error

44.One event with multiple

45.what should a class that raises an event contain

a)method

b)event config

c)event declaration

d)attributes

46) Most of the asp.net tags start with a _____ prefix?

a) Aspx:
b) :aspx
c) .aspx
d) Asp:

47) When the request is received from the browser by the webserver,how does it handle the request?(check 3)

a) All html for the page is collected,it is sent to the browser for parsing and displayed
b) Web-server hands over aspx and html files to asp.net at runtime for processing
c) Web-server hands over aspx files to asp.net at runtime for processing
d) For html and aspx files, the web server reads and sends to the browser
e) For html files, the web server reads and sends to the browser

48)*) _____ exposes several application-level events?*

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b) Httpapplicationevents
c) Httpglobal
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a)one or more themes

b)one or more templates

c)one or more layout pages

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a)code behind class file containing core application logic is compiled so that it can be created and used as an object

b)you can separate presentation logic from core application logic

c)you can combine presentation logic with core application logic

d)the .aspx page inherits from code behind class and code behind class inherits from page class

e)the .aspx page inherits from page class and code behind class inherits from code behind class

51.Page life cycle events order

a)start load postback rendering initialization event unload

b)start initialization postback event rendering unload

c)start load initialization rendering postback event unload

d)start initialization load rendering postback event unload

Start>> Page *Init*>> Page *Load*>> Validation >>*PostBack Event* Handling >> Page *Rendering*>> Page *Unload*

52.cache implemented?(http://msdn.microsoft.com/en-us/library/system.web.caching.cache.aspx
)

a)one instance of this class is created per webpage and remains valid till the webpage is active

b)one instance of this class is created per application domainand remains valid till the webpage is active

c)caching can be implemented using cache class(not sure may be if u hav to check 3 options else not ans)

d)information abt an instance of class is avaailable through cache property of page object

e)d)information abt an instance of class is avaailable through cache property of http object

53)true abt request/response object?(check 3)

a)request.servervariables("Local_ADDR") gives the Ip address of sserver hosting the requestd page(http://www.w3schools.com/asp/coll_servervariables.asp#gsc.tab=0)

b)Request. applicationPath gives the physical path of page requested by the browser(

c)request and response objects are used to share info b/w pages(http://www.asp-training-guide.com/request-response.html)

d)Http reasponse and Http request are classes which provide requests and response object

54)event with event specific data?(chck 3)(http://msdn.microsoft.com/en-us/library/wkzf914z(v=vs.71).aspx)

a)Detrmine when to raise the event in ur class. callonEventName to raise the event

b)provide a protected method in ur class that raises the event. Name the method on event name. Raise the event within the method

c)provide a public methpod in ur class that raises the event. Name the method on event name. Raise the event within the method

d)Define a protected event member in ur class . Set the type of event member of system.EventHandler

e)Define a public event member in ur class . Set the type of event member of system.EventHandler Delegate

55)Following code segmqnt can be used to set UI culture and Culture for an indivdivual page in .Net web apllication?(select 1)(http://msdn.microsoft.com/en-us/library/bz9tc508(v=vs.100).aspx)

a)Add the the following to Global.asax file.<globalisation UICulture="es" Culture="es-MX"/>

b)Add the the following to Web.config file.<globalisation UICulture="es" Culture="es-MX"/>

c)Add the the following to Web.config file. <Culture page UIculture-"es" culture="es-MX"/><Culture UIculture-"es" culture="es-MX"/>

d)Add the the following to @Page Directive <% @Page UIculture-"es" culture="es-MX"%>

56)Following code segmqnt can be used to set UI culture and Culture for an all page in .Net web apllication?(select 1)(http://msdn.microsoft.com/en-us/library/bz9tc508(v=vs.100).aspx)

a)Add the the following to Global.asax file.<globalisation UICulture="es" Culture="es-MX"/>

b)Add the the following to Web.config file.<globalisation UICulture="es" Culture="es-MX"/>

c)Add the the following to Web.config file. <Culture page UIculture-"es" culture="es-MX"/><Culture UIculture-"es" culture="es-MX"/>

d)Add the the following to @Page Directive <% @Page UIculture-"es" culture="es-MX"%>

57) void check_clicked(object sender,eventargs e)

{

message.text=Calculatetotal(Checkbox.checked).tostring('c');

}

<asp:checkbox id="checkbox" runat="server" autopostback="true" text="calculate bonus" textalign=right oncheckedchanged="Checkbox_clicked)/>

a)this page handles the check box event of check box to calculate bonus and display the result message Result in currentcy format

b)this page handles the check box event to display message in message label

c)this page handles the button click event to calculate bonus and display result message

d)this page handles click event of button to change the button text

58)What all elements are required in your ASP.NET page,if you want your class to raise an event names My event?(check 3)(http://msdn.microsoft.com/en-us/library/wkzf914z(v=vs.71).aspx)

A)A delegate for the event,named MY event event Handler

b)A class that holds event data,named MY event event Args

C)A Class that Consumes the event

e) A class that raises the event

d)A class that holds event configuration names my event config

59)"MyWebpage.ASPX"

<asp:Textboxid=textbox1 runat="server" ontextchange=textbox_textchange></>
<asp:buttonid="button1" runat="server">

<input type="button" id="button1">

a)run-time

b)compile time

c)page gets submitted will get anyways when we click on the button

d)text changed option cannot be used in the textbox

60) What is the significance of the request object in a asp.net webpage?(check 2)

a)Provides access to the output stream for the current page.

b)You can use this object to read what the browser has sent.(Request **- MSDN - Microsoft**
msdn.microsoft.com/en-us/library/system.web.http**request**.aspx

NET to **read** the HTTP values **sent** by a client during a Web **request**. **... Browser**, Gets or sets information about the **requesting** client's **browser** capabilities. **...**IsAuthenticated, Gets a value indicating whether the **request has** been authenticated. **...**Gets a Stream **object** that can be **used to read** the incoming HTTP entity body, **...)**

c)Provide access to the current page request including req read,cookies,client certificate,query string.

d)Object to share info between pages

61)<Sessionstate mode = "SQLQuery"

Cookieless= "true"(check 3)(http://msdn.microsoft.com/en-us/library/h6bb9cz9(v=vs.71).aspx
%>

a)Allow browser to pass state session state info
b)specify way to sent session data b/w server and client
c)mode in which session will store data
d)it helps in client side state management

62) What can a markup have in ASP.NET?

a)HTML

b)ASP>NET sever controls

c)code written in visual basic .NET

d)active services

e)Referential Integrity

63)For Request object ,the server returns to client browser as HTML
o/pT?F(http://www.w3schools.com/asp/asp_quickref.asp#gsc.tab=0)

19) What will u use to storeserver side infrequently changing information used be many users?

- Session state
- Application state
- Profile properties
- Database support

20) What are all used to preserve the server-side information?

- Session state…..sure
- Application state…sure
- Profile properties…not sure
- Database support…not sure
- Control state

4) What does a page object denote? (Check 3)
   f) Represent the application logic in code behind of an .aspx page
   g) U derive a web form page from page class in the code-behind technique
   h) Represent a web Forms Page requested from a server that hosts an asp.net web application
   i) Page object is only applicable when u combine the application logic and presentation logic in one form of code behind
   j) **Its compiled at run time as page object and catched in server memory and serves as the naming const…. for most of the controls**
5) You can code your asp.net 3.5 applications in any language compatible with Common Language Runtime?
   c) True
   d) Falsemsdn.microsoft.com/en-in/library/4w3ex9c2(v=vs.90).**asp**x

e)

6) Which are the different ways of editing configuration settings?
http://docs.oracle.com/cd/E29597_01/bi.1111/e10541/configsettings.htm

f) By using text editors
g) By using Hex Editors
h) By using IIS configuration wizard
i) By using configuration API
j) **By using web site administration tool.**

4)Choose correct Template Within DataList tag which we can customize(Session_04_ASP.NET Data Access Control_02(http://msdn.microsoft.com/en-in/library/bb498210.aspx

- see step 4)

)

8) AlternatingItem Template
9) EditItem Template
10) Footer Template
11) Header Template
12) Item Template
13) SelectedStyleitem Template
14) SeperatorStyleitem Template

- a)1,4,5,7
- **b)1,2,3,4,5(corrected)**
- c)1,4,5,7
- **d)1,3,4,5,6**

5)Which server side state management option should you use, if you are storing infrequently changed global information that is used by many users?(Select One)
a) database
b)application state
c)session
d)profilehttp://stackoverflow.com/questions/1169153/asp-net-state-management-in-appropriate-situations

6) Which statement are true about web forms?(select 3)
a) web forms are compatible with VB.Net and C# langauages
b) web forms code runs on server dynamically generates HTML Output
c) in web forms programming logic resides in separate file known as……
d) web form are compatible with any language supported by >NET Configuration
7) HTML controls can be changed into HTML server Controls by adding the Attribute (select One)
a) server="True"
b) Runat="server"
c) ServerControls="true"
d) HTMLServer="True"

8) _____ passes information from one page to another(http://ramanisandeep.net/2008/11/21/passing-values-from-one-page-to-another-page-aspnet/)
a) Post Method
b) QueryString
c) Response Redirect
d) Get Method

9) Which application folder contains source code for utility classes and business objects?(select One)
a)App_Data
b)App_Browsers
c)App_code argumentnullexception.blogspot.com/.../aspnet-special-**folder**s.html
d) Bin
e) App_GlobalResources
10) Regioninfo represents preferences of the user and does not depend on users language ……. applicable.State True or False
RegionInfo does not represent preferences of the user and does not depend on the user's language or culture. **true**
11)What does the Globalisation include?(Check 2)
a) it includes the process of internationalizing the application code
b) It includes localizing the application to other languages and cultures
c) it includes the process of giving global access to entire web application
D) it include localizing the application to different user groups based on their work
technet.microsoft.com/en-us/library/cc725971(v=ws.10).aspx
12) What does the following code denote(Check 2)
Using system
Using system.collection
Using system.globalisation
Public class MyCultureinfo {
Public static void main()
{
Cultureinfo my=ne cultureinfo("es-ES",false)
}
a)culture info class provides global info for different culture
b)denotes how to create culture info for English
c)denotes abt specific culture
d)usage of cultureinfo class
e)object for US-english
13)true about assemblies?(choose 3)(http://msdn.microsoft.com/en-us/library/d864zc1k(v=vs.71).aspx)
a)assemblies tat reside web application \bin directory do not req. @assembly directory
b)@assembly directive link an assembly to asp.net application during compilation
c)\bin directory are automatically linked to asp.net file with application
d))@assembly directive link an assembly to asp.net web pages during compilation
e)applications that reside in your web app/bin directory are global assemblies by default
14) or sets alter text for hidden image read by screen renders provide ability to skip the list of links gets
a)skip link
b)skiplink text
c)skip image
d)skip text
15)determine whether page has been process for first tym/already process by some other event(http://msdn.microsoft.com/en-in/library/system.web.ui.page.ispostback.aspx)
a)auto postback
b)iscall back
c)isclient back
d)ispost back
16)an asp.net web page is an instance of which of the following class
a)system.web.UI.page class
b)system.web.page class
c)system.web. webpage class

D)system.web.UI.web

17)new assemblies included in asp.net 3.5?radio button means only option a
a)system.xml.linq.dll
b)system.web.ui
c)syatem.data.sql clint
d)data.datasetextensions.dll
18)Application level events can be placed in(http://msdn.microsoft.com/en-us/library/fwzzh56s)
a)the main()entry point of app
b)global.asax
c)web.config
d)first page of app
19)public delegate void my event handler(object sender,my event args e)(http://msdn.microsoft.com/en-us/library/system.eventhandler.aspx)
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57)

```
void check_clicked(object sender,eventargs e)
{
message.text=Calculatetotal(Checkbox.checked).tostring('c');
}
<asp:checkbox id="checkbox" runat="server" autopostback="true" text="calculate bonus" textalign=right oncheckedchanged="Checkbox_clicked)/>
```

a)this page handles the check box event of check box to calculate bonus and display the result message Result in currentcy format

b)this page handles the check box event to display message in message label

c)this page handles the button click event to calculate bonus and display result message

d)this page handles click event of button to change the button text

58)What all elements are required in your ASP.NET page,if you want your class to raise an event names My event?(check 3)(http://msdn.microsoft.com/en-us/library/wkzf914z(v=vs.71).aspx)

A)A delegate for the event,named MY event event Handler

b)A class that holds event data,named MY event event Args

C)A Class that Consumes the event

e) A class that raises the event

d)A class that holds event configuration names my event config

59)"MyWebpage.ASPX"

<asp:Textboxid=textbox1 runat="server" ontextchange=textbox_textchange></>

<asp:buttonid="button1" runat="server">

<input type="button" id="button1">

a)run-time

b)compile time

c)page gets submitted will get anyways when we click on the button

d)text changed option cannot be used in the textbox

60) What is the significance of the request object in a asp.net webpage?(check 2)

a)Provides access to the output stream for the current page.

b)You can use this object to read what the browser has sent.(*Request* - MSDN - Microsoft *msdn.microsoft.com/en-us/library/system.web.http**request**.aspx*

NET to ***read*** the HTTP values ***sent*** by a client during a Web ***request***. **...** ***Browser***, Gets or sets information about the ***requesting*** client's ***browser*** capabilities. **...**IsAuthenticated, Gets a value indicating whether the ***request has*** been authenticated. **...**Gets a Stream ***object*** that can be ***used to read*** the incoming HTTP entity body, **...)**

c)Provide access to the current page request including req read,cookies,client certificate,query string.

d)Object to share info between pages

61) <Sessionstate mode = "SQLQueer"

Cookieless= "true"(check 3)

a)Allow browser to pass state session state state info

b)specify way to sent session data b/w server and client

c)mode in which seession will store data

d)it helps in client side state management

62) What can a markup have in ASP.NET?

a)HTML

b)ASP>NET sever controls

c)code written in visual basic .NET

d)active services

e)Referential Integrity

63)For Request object ,the server returns to client browser as HTML o/p

True?F(http://www.w3schools.com/asp/asp_quickref.asp#gsc.tab=0)

7) What does a page object denote? (Check 3)
   - k) Represent the application logic in code behind of an .aspx page
   - l) U derive a web form page from page class in the code-behind technique
   - m) Represent a web Forms Page requested from a server that hosts an asp.net web application
   - n) Page object is only applicable when u combine the application logic and presentation logic in one form of code behind
   - o) Its compiled at run time as page object and catched in server memory and serves as the naming const…. for most of the controls

8) You can code your asp.net 3.5 applications in any language compatible with Common Language Runtime?
   - f) True
   - g) False

9) Which are the different ways of editing configuration settings?

k) By using text editors
l) By using Hex Editors
m) By using IIS configuration wizard
n) By using configuration API
o) By using web site administration tool.

10) Choose correct Template Within DataList tag which we can customize
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16) EditItem Template
17) Footer Template
18) Header Template
19) Item Template
20) SelectedStyleitem Template
21) SeperatorStyleitem Template
- a)1,4,5,7
- b)1,2,3,4,5
- c)1,4,5,7
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5) Which server side state management option should you use, if you are storing infrequently changed global information that is used by many users?(Select One)

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a) web forms are compatible with VB.Net and C# langauages

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c) in web forms programming logic resides in separate file known as……..

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a) server=”True”

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a)App_Data

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d) Bin

e) App_GlobalResources

10) Regioninfo represents preferences of the user and does not depend on users language ……. applicable.State True or False

RegionInfo does not represent preferences of the user and does not depend on the user's language or culture.true

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a)event delegate declaration…not sure

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c)event declaration

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22)preserve data in asp.net

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b)configuration

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   u) By using the ASP.NET configuration API. For more information, see ASP.NET Configuration API.
   v) By using the ASP.NET MMC snap-in. For more information, see ASP.NET MMC Snap-In.
   w) By using the Web Site Administration Tool for Web sites and ASP.NET applications. For more information, see ASP.NET Web Site Administration Tool.
   x) By using a text editor or an XML editor to directly edit the configuration files. For proper syntax, see the configuration reference topics in ASP.NET Configuration Settings and General Configuration Settings (ASP.NET).

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c)page state

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29)to set encoding for all page add-------- property to web config files(http://msdn.microsoft.com/en-us/library/39d1w2xf(v=vs.100).aspx) see tis topic To specify encoding

a)encoding

b)configuration

c)globalization

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b)compiled once and stored in temporary(Compilation Folder Location)see tis topic

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38.2 half of a code behind page are related by(any 2)(ans s crt)

a)partial classes

b)abstract class

c)overloading

d)inheritance

39)how does asp.net set you include keyboard accessibility??/

a)u can set alternate text property

b)u can specify a default button for a form or panel control by setting the default button property

c)u can set the text property to a specific locale

d)u can set the focus on input controls either by using method or by setting default focus property for a form

e)you can set tab order controls,using tab index property

40)-------displays a set of text or image hyperlinks that enable users to more easily navigate a website while taking minimum amt of page space

a)site map node item

b)site map path

c)site map

d)site map node

41)what are all the attributes related to globalization??/

a)file encoding

b)response encoding

c)reguest encoding

d)culture info

42)in global asax???

App_inin

App_strt

Session_init

Session_end

App_error

43)code ans

Compile tym error

44.One event with multiple

45.what should a class that raises an event contain

a)method

b)event config

c)event declaration

d)attributes

46) Most of the asp.net tags start with a _____ prefix?

i) Aspx:
j) :aspx
k) .aspx
l) Asp:

47) When the request is received from the browser by the webserver,how does it handle the request?(check 3)

k) All html for the page is collected,it is sent to the browser for parsing and displayed
l) Web-server hands over aspx and html files to asp.net at runtime for processing
m) Web-server hands over aspx files to asp.net at runtime for processing
n) For html and aspx files, the web server reads and sends to the browser
o) For html files, the web server reads and sends to the browser

48)*) _____ exposes several application-level events?*

a) Httpglobalevents
b) Httpapplicationevents
c) Httpglobal
d) Httpapplication

49. master page consists of 2 pieces, master page itself and

a)one or more themes

b)one or more templates

c)one or more layout pages

d)one or more content pages

50. true abt code behind file in asp.net?(check 3)

a)code behind class file containing core application logic is compiled so that it can be created and used as an object

b)you can separate presentation logic from core application logic

c)you can combine presentation logic with core application logic

d)the .aspx page inherits from code behind class and code behind class inherits from page class

e)the .aspx page inherits from page class and code behind class inherits from code behind class

51.Page life cycle events order

a)start load postback rendering initialization event unload

b)start initialization postback event rendering unload

c)start load initialization rendering postback event unload

d)start initialization load rendering postback event unload

Start>> Page *Init*>> Page *Load*>> Validation >>*PostBack Event* Handling >> Page *Rendering*>> Page *Unload*

52.cache implemented?(http://msdn.microsoft.com/en-us/library/system.web.caching.cache.aspx
)

a)one instance of this class is created per webpage and remains valid till the webpage is active

b)one instance of this class is created per application domainand remains valid till the webpage is active

c)caching can be implemented using cache class(not sure may be if u hav to check 3 options else not ans)

d)information abt an instance of class is avaailable through cache property of page object

e)d)information abt an instance of class is avaailable through cache property of http object

53)true abt request/response object?(check 3)

a)request.servervariables("Local_ADDR") gives the Ip address of sserver hosting the requestd page(http://www.w3schools.com/asp/coll_servervariables.asp#gsc.tab=0)

b)Request. applicationPath gives the physical path of page requested by the browser(

c)request and response objects are used to share info b/w pages(http://www.asp-training-guide.com/request-response.html)

d)Http reasponse and Http request are classes which provide requests and response object

54)event with event specific data?(chck 3)(http://msdn.microsoft.com/en-us/library/wkzf914z(v=vs.71).aspx)

a)Detrmine when to raise the event in ur class. callonEventName to raise the event

b)provide a protected method in ur class that raises the event. Name the method on event name. Raise the event within the method

c)provide a public methpod in ur class that raises the event. Name the method on event name. Raise the event within the method

d)Define a protected event member in ur class . Set the type of event member of system.EventHandler

e)Define a public event member in ur class . Set the type of event member of system.EventHandler Delegate

55)Following code segmqnt can be used to set UI culture and Culture for an indivdivual page in .Net web apllication?(select 1)(http://msdn.microsoft.com/en-us/library/bz9tc508(v=vs.100).aspx)

a)Add the the following to Global.asax file.<globalisation UICulture="es" Culture="es-MX"/>

b)Add the the following to Web.config file.<globalisation UICulture="es" Culture="es-MX"/>

c)Add the the following to Web.config file. <Culture page UIculture-"es" culture="es-MX"/><Culture UIculture-"es" culture="es-MX"/>

d)Add the the following to @Page Directive <% @Page UIculture-"es" culture="es-MX"%>

56)Following code segmqnt can be used to set UI culture and Culture for an all page in .Net web apllication?(select 1)(http://msdn.microsoft.com/en-us/library/bz9tc508(v=vs.100).aspx)

a)Add the the following to Global.asax file.<globalisation UICulture="es" Culture="es-MX"/>

b)Add the the following to Web.config file.<globalisation UICulture="es" Culture="es-MX"/>

c)Add the the following to Web.config file. <Culture page UIculture-"es" culture="es-MX"/><Culture UIculture-"es" culture="es-MX"/>

d)Add the the following to @Page Directive <% @Page UIculture-"es" culture="es-MX"%>

57) void check_clicked(object sender,eventargs e)

{

message.text=Calculatetotal(Checkbox.checked).tostring('c');

}

<asp:checkbox id="checkbox" runat="server" autopostback="true" text="calculate bonus" textalign=right oncheckedchanged="Checkbox_clicked)/>

a)this page handles the check box event of check box to calculate bonus and display the result message Result in currentcy format

b)this page handles the check box event to display message in message label

c)this page handles the button click event to calculate bonus and display result message

d)this page handles click event of button to change the button text

58)What all elements are required in your ASP.NET page,if you want your class to raise an event names My event?(check 3)(http://msdn.microsoft.com/en-us/library/wkzf914z(v=vs.71).aspx)

A)A delegate for the event,named MY event event Handler

b)A class that holds event data,named MY event event Args

C)A Class that Consumes the event

e) A class that raises the event

d)A class that holds event configuration names my event config

59)"MyWebpage.ASPX"

<asp:Textboxid=textbox1 runat="server" ontextchange=textbox_textchange></>
<asp:buttonid="button1" runat="server">

<input type="button" id="button1">

a)run-time

b)compile time

c)page gets submitted will get anyways when we click on the button

d)text changed option cannot be used in the textbox

60) What is the significance of the request object in a asp.net webpage?(check 2)

a)Provides access to the output stream for the current page.

b)You can use this object to read what the browser has sent.(*Request* - MSDN - Microsoft
*msdn.microsoft.com/en-us/library/system.web.http**request**.aspx*

NET to ***read*** the HTTP values ***sent*** by a client during a Web ***request***. **... *Browser***, Gets or sets information about the ***requesting*** client's ***browser*** capabilities. **...**IsAuthenticated, Gets a value indicating whether the ***request has*** been authenticated. **...**Gets a Stream ***object*** that can be ***used to read*** the incoming HTTP entity body, **...)**

c)Provide access to the current page request including req read,cookies,client certificate,query string.

d)Object to share info between pages

61)<Sessionstate mode = “SQLQuery”

Cookieless= “true”(check 3)(http://msdn.microsoft.com/en-us/library/h6bb9cz9(v=vs.71).aspx
%>
a)Allow browser to pass state session state info
b)specify way to sent session data b/w server and client
c)mode in which session will store data
d)it helps in client side state management

62) What can a markup have in ASP.NET?

a)HTML

b)ASP>NET sever controls

c)code written in visual basic .NET

d)active services

e)Referential Integrity

63)For Request object ,the server returns to client browser as HTML
o/pT?F(http://www.w3schools.com/asp/asp_quickref.asp#gsc.tab=0)

21) What will u use to storeserver side infrequently changing information used be many users?

- Session state
- Application state
- Profile properties
- Database support

22) What are all used to preserve the server-side information?

- Session state…..sure
- Application state…sure
- Profile properties…not sure
- Database support…not sure
- Control state

(Gokul)

1. You are given a task to make the current from secure such that it can be prevented cstf.Which of the following will be helpful?

Select one:

a.<% using(Html.BeginForm()){%><% = Html.AntiLibrary()%>

b.<% using(Html.BeginForm()){%><% = Html.AntiForgeryToken()%>----------ANS

c.<% using(Html.BeginForm()){%><% = Html.AntiCSRFToken()%>

d.<% using(Html.BeginForm()){%><% = Html.AntiCSRFLibrary()%>

2. Which of the follwing statements are true about AFTER trigger?

Select one or more:

a.AFTER trigger executes after the statement that triggeres it completes

b.AFTER trigger executes after the last trigger in the queue.

c.If the statemnt falls with an error the trigger is not executed

d.AFTER triggers cannot be specified for tables,they can only be specified foe views

e.AFTER triggers cannot be specified for views,they can only be specified foe tables.

ANS:a,c,e

3. The ObjectContext class is not thread-safe

State True or False

Select one:

True----------ANS

false

4. How can the execution plans of queries on partitioned tables and indexes be examined?

Select one or more:

a.By using the transact-SQL SET SHOWPLAN_XML

b.By using the transact-SQL SET STATISTICS_XML----------ANS

c.By using the transact-SQL SET PARTITION_XML

d.By using the transact-SQL SET INDEX_XML

5. Analyse the link:-"Http"//localhost/music/".Choose the option which is correct for it.

I.Not running under cassini.

II.Running under IIS.

Select one:

a.I only

b.II only----------ANS

c.Both I and II

d.None of the listed options.

6. public void TestDate()

{

Distance z= new Distance();

var message = new Sample(z);

AssertAreEqual(distance,message.z);

}-Analyse the code and identify why it will not work.

Select one:

a.[Status=TestMethod]is not written

b.[TestMethod]is not written

c.proper refference is not invoked at the start of the test. ----------ANS

d.None of the above

7. What are the benefits of using a Unique index?

Select one or more:

a.It is less error prone

b.Data integrity of the defined columns is ensured

c.Additional information helpful to the query optimizer is provided.

d.The performance is not degraded.

ANS:a,b,c

8. Which of the following is a way to install/download a Nuget in your system?

Select one:

a.All the listed options

b.In visual studio, go to tools->Extension Manager->search Nuget->install

c.In your browser go to nuget.org->click on Download----------ANS

d.In a visual studio,right click on References->Add LibraryPackagesReferences->search Nuget->Install

9. public class DependencyResolver

- is the syntax for Dependency Resolver class

State True or False

Select one;

True----------ANS

False

10. How can we create basic Entity Mapping?

Select one:

a.modelBuilder.Entity<Blog>().MapStoredProcedures();

b.modelBuilder.Entity<Blog>().MapToStoredProcedures();----------ANS

c.modelBuilder.Entity<Blog>().ToStoredProcedures();

d.modelBuilder.Entity<Blog>().StoredProcedures();

11) Which of the following is true for DB initialization in config file

ANS

<?xml version="1.0" encoding="utf-8"?><configuration><appSettings>

<add key="DatabaseInitializerForTypeBlogdataLayer.BlogDBContext, BlogDataLayer"

value="System.Data.Entity.DropcreateDatabasealways'1[[BlogdataLayer.BlogDBContext,BlogdataLayer]]
,EntityFramework"/>

</appSettings></configuration>

12) LINQ stands for-----

Line integrated new query

Language integrated new query

Language integrated Query---------ANS

Line Integrated Query

13) Which of the following option is correct about navigation property

Navigation properties provide a way to navigate an association betwwen two entity types

Every object can have a navigation property for every relationship in which it participates

Navigation properties allow you to navigate and manage relationship in both directions, returning either a reference object or a collection

All of the options----------ANS

14) How is a user defined table valued function in select insert update or delete statements is invoked?

a user defined table valued function can be invoked in the from clause of a select, insert, update and delete statement----------ANS

a user defined table valued function can be invoked as a stored procedure from a select, insert, update and delete statement

a user defined table valued function can be invoked in the where clause of a select, insert, update and delete statement

a user defined table valued function can be invoked in the using clause of a select, insert, update and delete statement

15) Entity framework supports automatic change tracking of the loaded entities during the life time of the conext.

true----------ANS

false

16) Which are the different types of file groups?

Secondary

Primary----------ANS

User-defined----------ANS

Hidden

17) Which statements are true about CLR stored procedures?

It is a reference to a microsoft .net framework common language runtime(CLR) method----------ANS

the method can only take and return user-supplied parameters.----------ANS

the method can only take input parameters.

they are implemented as public static ,methods on a class in a .net framework assembly----------ANS

they atre implemented as private protected methods on a class in a .net framework assembly

18) You are working on a web application and for a particular small operation it is loading the whole page. Which of the following technology will you adopt to improve the functionality

AJAX----------ANS

C++

sharepoint

selenium

19) Which of the following methods make entity framework for detecting changes automatically?

DbSet.Find

DbSet.remove

DbSet.Attatch

All of the options----------ANS

20) Which exception will raise when you define an Entity Data Model that uses stored procedures to make updates to the data source

OptimisticException

ConcurrencyException

OptimisticConcurrencyException

None of the listed options---------- ANS (doubt) may be ans is dbupdateconcurrencyexception

21) By default value of "UnobstrusiveJavaScriptenabled" is

FALSE----------ANS

TRUE

NONE

AUTO

22) Which of the following will render carinfo object stored in viewbag to a view

---------- ANS

car information: @ViewBag.carinfo

23) Problem statement:- peter is a web developer and has created website in ASP>NET MVC# using razor view. people were giving feedback on his site without goignthrough the products details page. they were navigating to the feedback page by editing the url.As a friend suggest him to use "ChildAction" through "@Html.Action".which of the following would he chose??

peter should use "@html.goThrough" inplace of "@Html.Action"

the solution given by brock is legitimate

such a problem cant exist----------Ans(doubt)

peter should use "ChildActionOnly" inplace of "ChildAction"

24) Which method converts string to HTML Encoded string

HtmlUtility.Httpcode

HttpUtility.HtmlEncode----------ANS

HttpUtility.Htmlcode

HtmlUtility.XmlEncode

25) ModelBinder interface defines---------

the methods that are required for a model binder----------ANS

the .dll filesthat are required for a model binder

the interface that are required for a model binder

the assembly that are required for a model binder

26) Which of the following model is used to define application specific obeject

Entity Data Model

SqlDataModel

Object model----------ANS

None of the listed options

27) Identify the different types of stored procedures.

Select one or more

User-defined stored procedures-Transact SQL & CLR ----------ANS

Compiles Stored Procedures

extended Stored procedures----------ANS

system stored procedures----------ANS

28) Which one of the following is not included in configuration hierarchy?

ASP.NET root directory

ASP.NET Client Server Sub Directory----------ANS

IIS

ASP.NET Application sub directory

Root web

29) Which of the following statements are true about clustered index?

A clustered index sorts and stores the data rows of the table or view in order based on the clustered index key----------ANS

A clustered index sorts and stores the data columns of the table or view in order based on the clustered index key

A clustered index is implemented as a B-tree index Structure

A clustered index is implemented as a Linked-list Structure

30) When a LINQ to entities Query is Execute:

Some expression in the query might be executed on the server and some parts might be executed locally on the client. Client-side evaluation of an expression takesplace before the query is executed on the server----------ANS

Some expression in the query might be executed on the server and some parts might be executed locally on the server. Client-side evaluation of an expression takesplace before the query is executed on the server

Some expression in the query might be executed on the server and some parts might be executed locally on the client. server-side evaluation of an expression takesplace before the query is executed on the server

None of the listed options

31) You are handling page of an event.Now the content and information you have cached so that it is loading quickly but you need to keep the clock which shows time for the event dynamic. Which of the following will be helpful?

Select one:

<% Date Time(t.now);%>

<% Response.WriteSubstitution(t=>Date Time.Now.ToLongTimeString())%>

<% var c = dynamic.DateTime()%>

<% session s= new session ["Time"];>

32) How can we disable proxy object creation in POCO?

Select one:

context.ContextOptions.Enabled = false;

context.ContextOptions.Proxy = false;

context.ContextOptions.ProxyEnabled = false;

context.ContextOptions.ProxyCreationEnabled = false;----------ANS

33) Correct Syntax for ActionLink with the following argument AjaxHelper, String, String, AjaxOptions is
Select One:

a.

public static MvcHtmlString ActionLink(

this AjaxHelper ajaxHelper,

string linkText,

string modelName,

AjaxOptions ajaxOptions

)

b.

public static MvcHtmlString ActionLink(

this AjaxHelper ajaxHelper,

string linkText,

string controllerName,

AjaxOptions ajaxOptions

)

c.

public static MvcHtmlString ActionLink(

this AjaxHelper ajaxHelper,

string linkText,

string actionName, ----------ANS

AjaxOptions ajaxOptions

)

d.

public static MvcHtmlString ActionLink(

this AjaxHelper ajaxHelper,

string linkText,

string actionName,

Ajax-Options ajaxOptions;

)

34) Which of the following approach do we avoid working with the visual designer or entity framework?

Code First Approach----------ANS

Model First Approach

Database First Approach

None of the listed options

35) Partial Page rendering does which of the following?

Removes the need for the whole page to refreshed as a result of HTTPGet.

Only header of the page that have changed are updated.

Removes the need for the whole page to refreshed as a result of postback----------ANS

Only individual regions of the page that have changed are updated----------ANS

36) Which of the following statements are TRUE?

i.Client wins and store wins are actions which are used when concurrency happens.

ii.In Client wins the data from the server is loaded in to your entity objects.

iii.In Store wins data from the entity object is saved to the database.

a. i and ii

b. ii and iii

c. only i----------ANS

d. i,ii and iii

37) What do you understand by an XSS attack?

Injection of malicious script----------ANS

Injection of class definition

Hacking via browsers

Hacking through cookies

38) Which are the conditions when indexes of views can provide significant performance advantages?

When the view contains aggregations

When the view contains compositions

When the views contain table joins----------ANS

When the views contain combination of aggregations and joins----------ANS

When the view contains locks

39) Which of the following does the Input to Query Optimiser consist?

The query----------ANS

The database schema----------ANS

The database statistics

The selected rows

40) What is meant by Materialization in entity framework?

Materialization is the process of returning queries back to the client as CLR types

Materialization is the process of returning query results back to the client as entity types

Materialization is the process of returning query results back to the client as CLR types

None of the listed options----------ANS

41. You are given a task by your manager that includes assembly binding.Which file would you configure?

select one:

a.System.config

b.web.config

c.Machine.config

d.Config.config----------ANS

42. Unchanged state is the default state for an entity while the entity is retrived from the database

a.True----------ANS

b.False

43. Which of the statement is true about VARCHAR datatype?

select one or more:

a.varchar can hold alphanumeric data----------ANS

b.The storage size of varchar data type is fixed

c.Each row can hold different no of characters up to the maxlength defined.----------ANS

d.Each row can hold fixed number of characters as defined by max length.

44. Which action result typewill return a temporary redirect(HTTP 302 sattus code) or a permanent redirect(HTTP 301 status code),depending on a boolean parameter?

select one:

a.HttpStatusCodeResult

b.HttpRedirectResult

c.HttpNotFoundResult

d.RedirectResult----------ANS

45. Machine.config contain setting that apply to entire network.

a.true----------ANS

b.False

46._____ is an XML -based language which describes the entities ,functions and relationships which create a conceptual model of a application.

select one:

a.conceptual schema definition language(CSDL)----------ANS

b.Conceptual set definition language(CSDL)

c.conceptual select definition language(CSDL)

d.None of above

47. Which statements are true about the max constant in a varchar type?

a.It can be used when the data can exceed more than 8000 charactes.

b.it can be used to fix the max length of charactes for the entire column----------ANS

c.It can be used to store large blocks of text.----------ANS

d.It can be used to store large image types.

48. EDMX is an XML file

a.true----------ANS

b.False

49. Which of the package can be used to write an implementation for ASP.NET identify that targets different persistence

store such as Azure Table Storage,NoSql database etc.

a.Microsoft.AspNet.Identity.Core----------ANS

b.Microsoft.AspNet.Identity.EntityFramework

c.Microsoft.AspNet.Identity.OWN

d. Microsoft.AspNet.Identity.Security

50. How can we stop autodetection change in entity framework?

select one:

a.Context.Configuration.AutoDetectChangesEnabled=false;----------ANS

b.Context.Configuration.AutoDetectChangesdisabled=false;

c.Context.Configuration.AutoDetectChangesEnabled=true;

d.Context.Configuration.AutoDetectChangesdisabled=True;

51) Which of the following statements are TRUE?

i.The CompiledQuery class provides compilation and caching of queries for reuse

ii.Execute method is to create a new delegate to represent the compiled query

iii.Once the query is compiled you can supply parameters of primitive type but you cannot replace parts of the query that would change the generated SQL

a.i and ii

b.ii and iii

c.i and iii----------Ans

d.i,ii and iii

52) Which of the following require type-casting in the View?

i.ViewData

ii.TempData

a.i only

b.ii only

c.Both i and ii----------Ans

d.None of the listed options

53) Which of the following snippet creates database in local sql express by default?

i.public class Context:DbContext

{

public Context():base()

{

}

}

ii.public class Context:DbContext

{

public Context():base("DB Name")

{

}

}

iii.public class Context:DbContext

{

public SchoolDBContext():base("name=EduDB")

{

}

}

a.i and ii

b.i and iii

c.ii and iii

d.i,ii and iii

54) Which of the following code snippets is correct for an entity Post having relationship with Blog?

a.modelBuilder.Entity<Post>().HasRequired(p=>p.Blog)----------Ans

b.modelBuilder.Entity<Post>().NeedRelationship(p=>p.Blog)

c.modelBuilder.Entity<Post>().Required(p=>p.Blog)

d.None of the listed options.

55) IObjectContextAdapter Interface is used to:

a.get the reference of ObjectContext from object

b.get the reference of ObjectContext from Entity

c.get the reference of ObjectContext from DBModel

d.get the reference of ObjectContext from DBContext----------Ans

56) Which of the following are database initializers used in Entity Framework?

a.CreateDatabaseIfNotExists----------Ans

b.DropCreateDatabaseIfModelChanges----------Ans

c.DropDatabaseAlways

d.DropCreateDatabaseAlways----------Ans

e.CreateDatabaseAlways

57) What are the different classes into which the SQL Server divides principals?

a.Windows-level principal----------Ans

b.Field-level principal

c.Database-level principal----------Ans

d.SQL Server-level principal----------Ans

58) What is entity key?

a.An entity key is a property or a set of properties of an entity type that are used to determine identity----------Ans

b.An entity key is a property or a set of properties of an entity type that are used to determine the column for searching index

c.An entity key is a property or a set of properties of an entity type that are used to identify relationship among the entities

d.All of the listed options

59) In remote validation HttpPost is used by default.State True or False.

a.True----------ans

b.False

60) Which of the following are different Securable scopes?

a.Server----------Ans

b.Client

c.Database----------Ans

d.Schema----------Ans

1) Which of the following is the CORRECT option for getting the user whose name is "Raja" and to load all the roles related to the user eagerly?

a. var user = context.Users

```
.Where(b => b.Name !="Raja")
.Take(b => b.roles)
.FirstOrDefault();
```

b. var user = context.Users

```
.Where(b => b.Name =="Raja")
.Select(b => b.roles)
.FirstOrDefault();
```

c. var user = context.Users

```
.Where(b => b.Name =="Raja")
.Include(b => b.roles)
.FirstOrDefault();
```

d. var user = context.Users

```
.Where(b => b.Name ="Raja")
.Take(b => b.roles)
.FirstOrDefault();
```

2) Which namespace is used to handle EntityClient provider?

a. System.Data.Annotations

b. None of the listed options

c. System.Transactions

d. System.Data.EntityClient-----Ans

3) Which of the following Entity will create a table with the following specifications:

I. It should have FirstName and should be required

II. It should have LastName and should be required

III. Full Name must be FirstName LastName

iV. EmployeeID should be primary key

V. It should have DepartmentID

VI. Department Entity should be lazy loading

a. public class Employee

b. public class Employee

```
{
 [key]
 public string EmployeeID {get;set;}
 public string FirstName {get;set;}

 [DatabaseGenerated(DatabaseGeneratedOption.Computed)]
  public string FullName
  {
```

```
            get{ return FirstName +"."+LastName;}
    }
    public string DepartmentID{get;set;}
    public virtual Department Department{get;set;}
}
```

c.

```
public class Employee
{
 [key]
 public string EmployeeID {get;set;}
 public string FirstName {get;set;}
 public string FullName {get;set;}
 public string DepartmentID {get;set;}
 public Department Department{get;set;}
}
```

d.

```
public class Employee
{
 public string EmployeeID {get;set;}
 public string FirstName {get;set;}
 public string FullName {get;set;}
 public string DepartmentID {get;set;}
 public Department Department{get;set;}
}
```

e. public class Employee

{

[key]

public string EmployeeID {get;set;}

public string FirstName {get;set;}

public string DepartmentID {get;set;}

public Department Department{get;set;}

}

4) What is meant by eagerly loading in entity framework?

a. Eager loading is the process whereby a query for one type of entity also loads related entities as part of the query---ans

b. Eager loading is the process whereby a query for one type of entity also load related entities as part of the query on demand

c. None of the listed options

d. Eager loading is the process of query only the details mapped in the entity

5) DdContext is just a lightweight version of the ObjectContext class.

a. True

b. False

6) What is meant by Materialization in entity framework?

a. Materialization is the process of returning queries back to the client as CLR types

b. Materialization is the process of returning query results back to the client as entity types----ans

c. Materialization is the process of returning query results back to the client as CLR types

d. None of the listed options

7) How to set maximum length for a column using entity framework?

a. modelBuilder.SetLength<Entity>().Property(t => t.Name).HasMaxLength(50)----ans(doubt)

b. modelBuiler.Entity<Entity>().Property(t => t.Name).HasMaxLength(50)

c. moderlBuilder.SetMaxLength<Entity>().Property(t => t.Name).HasMaxLength(50)

d. None of the listed options

8) Which of the following statements are TRUE?

I. context.Configuration.ProxyCreationEnabled should be true.

II. context.Configuration.LazyLoadingEnabled should be true.

III. Navigation property should be defined as public, virtual. Context will NOT do lazy loading if the property is not defined as virtual.

a. I,II and III

b. II and III

c. I and III

d. I and II

9) Entity Framework will support in web services and WCF.

State True or False.

a. True

b. False

10) LINQ to XML is based on in-memory XML programming interface.

State True of False

a. True

b. False

11) How can we stop auto detection change in entity framework?

a. context.Configuration.AutoDetectChangesDisable = false;

b. context.Configuration.AutoDetectChangesEnabled = false;

c. context.Configuration.AutoDetectChangesEnabled = true;

d. context.Configuration.AutoDetectChangesDisable = true.

12) which of the following object is used to track changes, manage entities, concurrency and relationship of the entities?

a. DbContext

b. EntityDataModel

c. Entity

d. None of the listed options

13) DbContxt.ChangeTracker Property Provides access to features of the context that deal with change tracking of entities. State True or False.

a. True

b. False

14) Which of the following snippet creates database in local sql express by default?

I. public class Context: DbContext

{

public Context(): base()

{

}

}

II. public class Context: DbContext

{

public Context(): base("DB Name")

}

}

}

III. public class Context: DbContext

{

public SchoolDBContext(): base("name=EduDB")

{

}

}

a. I,II and III

b. I and II

c. I and III

d. II and III

15) In foreign key association when the relationship changed, the Entity state of the dependent object will change to EntityState.Modified from EntityState.Unchanged.

state True or False

a. True

b. False

16) Which of the following is the default database initializer in Entity framework?

a. CreateDatabaseIfNotExists

b. DropCreateDatabaseAlways

c. DropCreateDatabaseIfModelChanges

d. DropDatabaseAlways

17) Which of the following is CORRECT for the sql implementation of the below linq query from s in context.Students from c in s.Courses where s.StandardId == 1 select new {s.Student,c}

a. SELECT

[Extent1].[StudentId]AS[StudentID],

[Extent1].[StudentName]AS[StudentName],

[Join1].[CourseId1]AS[CourseId],

[Join1].[CourseName]As[CouseName],

[Join1].[Location]As[Location],

[Join1].[TeacherId]AS[TeacherId]

FROM [dbo].[Student]AS[Extent1]

INNER JOIN
(SELECT[Extent2].[StudentId]AS[StudentId],[Extent3].[CourseId]AS[CourseId1],[Extent3].[CourseName]AS[CourseName],[Extent3].[Location]AS[Location],[Extent3].[TeacherId]AS[TeacherId]

FROM [dbo].[StudentCourse]AS[Extent2]

INNER JOIN[dbo].[Course]AS[Extent3]ON[Extent3].[CourseId] = [Extent2].[CourseId]) AS [Join1]ON[Extent[1].[StudentID] = [Join1].[StudentId]

WHERE 1 = [Extent1].[StandardID]

b.SELECT

[Extent1].[StudentId]AS[StudentID],

[Extent1].[StudentName]AS[StudentName],

[Join1].[CourseId1]AS[CourseId],

[Join1].[CourseName]As[CouseName],

[Join1].[Location]As[Location],

[Join1].[TeacherId]AS[TeacherId]

FROM [dbo].[Student]AS[Extent1]

INNER JOIN
(SELECT[Extent2].[StudentId]AS[StudentId],[Extent3].[CourseId]AS[CourseId1].[Extent3].[CourseName]

[Join1].[CourseId1]AS[CourseId],

[Join1].[CourseName]AS[CouseName],

[Join1].[Location]As[Location],

[Join1].[TeacherId]AS[TeacherId]

FROM [dbo].[Student]AS[Extent1]

INNER JOIN
(SELECT[Extent2].[StudentId]AS[StudentId],[Extent3].[CourseId]AS[CourseId1],[Extent3].[CourseName]AS[CourseName],[Extent3].[Location]AS[Location],[Extent3].[TeacherId]AS[TeacherId]

FROM [dbo].[StudentCourse]AS[Extent2]

OUTER JOIN[dbo].[Course]AS[Extent3]ON[Extent3].[CourseId] = [Extent2].[CourseId]) AS [Join1]ON[Extent[1].[StudentID] = [Join1].[StudentId]

WHERE 1 = [Extent1].[StandardID]

c. None of the listed options

d. SELECT

[Extent1].[StudentId]AS[StudentID],

[Extent1].[StudentName]AS[StudentName],

[Join1].[CourseId1]AS[CourseId],

[Join1].[CourseName]As[CouseName],

[Join1].[Location]As[Location],

[Join1].[TeacherId]AS[TeacherId]

FROM [dbo].[Student]AS[Extent1]

Group by
(SELECT[Extent2].[StudentId]AS[StudentId],[Extent3].[CourseId]AS[CourseId1],[Extent3].[CourseName]AS[CourseName],[Extent3].[Location]AS[Location],[Extent3].[TeacherId]AS[TeacherId]

FROM [dbo].[StudentCourse]AS[Extent2]

OUTER JOIN[dbo].[Course]AS[Extent3]ON[Extent3].[CourseId] = [Extent2].[CourseId]) AS [Join1]ON[Extent[1].[StudentID] = [Join1].[StudentId]

WHERE 1 = [Extent1].[StandardID]

18) Eager loading returns all of the objects including the related objects. State True or False.

a. True

b. False

19) Which of the following are the attributes of System.ComponentModel.DataAnnotations.Schema class?

a. ForeignKey

b. Model

c. Column----ans(doubt)

d. Entity

20) Which of the following are the benefits of Entity framework?

a. Mapping manual

b. None of the listed options

c. Auto generate code ----ans

d. Reducing development time----ans

21) In Lazy loading, the navigation property has to be declared as:

a. public

b. static

c. virtual----ans(doubt)

d. proxy

22) Which of the followings are database initialization strategies in EF Code First?

a. CustomDBInitializer---ans

b. CreateDatabaseIfNotExists--ans

c. MigrateDatabaseToLatestVersion

d. AlterDatabasewithchanges

23) If we use database first generation a DbContext is generated by default. State True or False

a. True----ans(doubt)

b. False

24) By default, the Entity Framework will generate the database queries and update commands when your code interacts with the model. State True or False.

a. True

b. False

25) Which method in the DBContext writes inserts, updates, and deletes to the data source?

a. SaveChanges

b. All of the listed options

c. Save

d. SaveEntity

26) Linq to Entity Query results are usually returned as which of the following?

a. Linq to objects

b. A collection of zero or more typed entity objects or a projection of complex types defined in the conceptual model.

c. All of the listed options

d. Anonymous types

e. Inline collections.

27) Which of the following is used to define plain old CLR Objects that are NoT related to certain persistence technology?

a. Persistence Ignorance

b. None of the listed options----ans

c. Self-Tracking Entities

d. Deferred or Lazy Loading

28) How can we disable proxy object creation in POCO?

a. context.ContextOptions.ProxyCreationEnabled = false;

b. context.ContextOptions.ProxyEnabled = false;

c. context.ContextOptions.Enabled = false;

d. context.ContextOptions.Proxy = false;

29) Which of the following class is used to programmatically create connection string and parse existing connecting string to create attributes and methods for the class?

a. EntityConnectionStringBuilder----ans

b. EntityClientProvider

c. EntityContext

d. EntityConnection

30) How can we Update UnitPrice of Product?

a. NorthwindEntities dbContext = new NorthwindEntities();

Product product = dbContext.ProductSet.Single(p=> p.ProductName == "Aniseed Syrup");----ans(doubt)

product.UnitPrice = 1000;

dbContext.Update();

b. NorthwindEntities dbContext = new NorthwindEntities();

Product product = dbContext.ProductSet.Single(p=> p.ProductName == "Aniseed Syrup");

product.UnitPrice = 1000;

dbContext.SaveChanges();

c. NorthwindEntities dbContext = new NorthwindEntities();

Product product = dbContext.ProductSet.Single(p=> p.ProductName == "Aniseed Syrup");

product.UnitPrice = 1000;

dbContext.UpdateChanges();

d. NorthwindEntities dbContext = new NorthwindEntities();

Product product = dbContext.ProductSet.Single(p=> p.ProductName == "Aniseed Syrup");

product.UnitPrice = 1000;

dbContext.Save();

31. which of the following is used to manipulating dataset using linq?

a.LINQ to dataset----ans(doubt)

b.none of these

c.LINQ TO SQL

d.LINQ TO XML

32. a POCO class will not be inherited from entity object class

state true or false

a.true

b.false

33. database model provides the normalised schema designed by the database administrator

state true or false

a. true

b.false

34. when you use the using statement,then compiler automatically creates a try/finally block and calls dispose in the finally block.

state true or false

a.true

b.false

35. which of the following property is used to map two seperate types in the storage model?

select one

a.split entity----ans

b.scalar property

c.association

d.none of these

36. which namespace is used to include .net data provider for sql server?

a.system.data.sqlprovider

b.system.data.oracleclient

c.system.data.componentmodel

d.system.data.sqlclient----ans

37. POCO templateused to generatewhich of the following?

select one

a.none of these

b.persistance ignorant modeltypes

c.persistance ignorant entity types

d.persistance ignorant object types

38. entity model support quering only entities defined in entity datamodel

state true or false

a. true

b.false

39. when the foreign key columns are not included in the model,the association information is managedas an independent object

state true or false

a.true

b.false

40. entity framework supports automatic change tracking of the loaded entities during the life time of the context

state true or false

a.true

b.false

41. what is the purpose of the sysytem.componentmodel.dataannotation namespace?

select one

a.none of these

b.data first approach to use [key] attribute

c.code first approach to use [key] attribute

d.model first to use [key] attribute

42. how can we mark properties in the entity framework to be ignored?

select one

a.[remove]

b.[ignored]

c.[notmapped]---ans(doubt)

d.none of these

43. which of the following statements are TRUE?

I.in an entity framework application data is loaded from the file with the extension.csdl

II.mapping information is publicaly accessible

III.the entity framework uses the metadata in the mapping types to translate queries against the conceptual model to data source specific commands

select one:

a.II & III

b.I & II

c.I.II & III

d.I & III-=----ans(doubt)

44. savechanges() will be raised exception when which of the following object is added to the objectcontext and it cannot be successfully created in the data source?

select one:

a.saveexception

b.changeexception

c.updateexception----ans(doubt)

d.DBexception

45. when a linq entities query is excecuted.

select one:

a.some expressions in the query might be executed on the server and some parts might be executed locally on the client.client-side evaluaion of an expression takes place before the query is executed on the server.---ans

b.some expressions in the query might be executed on the server and some parts might be executed locally on the server.client-side evaluaion of an expression takes place before the query is executed on the server.

c.none of these

d.some expressions in the query might be executed on the server and some parts might be executed locally on the client.server-side evaluaion of an expression takes place before the query is executed on the server.

46. which of the following annotation validates property whether it has minimum length of the array or string?

select one:

a.none of these

b.arraylength

c.minlength----ans

d.lengthofarray

47. table splitting enables which of the following?

select one:

a.to map two tables to multiples entities

b.to map a single table to multiple entities---ans(doubt)

c.to map a single entity to multiple tables

d.to map a single schema to multiple entities

48. how can we enable concurrency mode in entity framework?

select one:

a.<property name="status" type="byte" nullable="false" concurrencymode="true"/>

b.<property name="status" type="byte" nullable="false" concurrencymode="enabled"/>

c.<property name="status" type="byte" nullable="false" concurrencymode="yes"/>

d.<property name="status" type="byte" nullable="false" concurrencymode="fixed"/>----ans(ans)

49. the _____ class supports both LINQ to entities and entitySQL queries against a conceptual model.

select one:

a.entitytosql----ans(doubt)

b.none of these

c.objectquery

d.sqlquery

50. which of the following is true about overlapping keys?

select one:

a.to change a foreign key association that includes overlapping keys,it is recommend to modify the foreign key values instead of using the object references.

b.overlapping keys are composite keys where some properties in the key are also part of another key in the entity

c.all of these

d.you cannot have an overlapping key in an independent association

51. which of the following annotation is used to mark one or more properties to be used for concurrency checking while user modifies in an entity?

select one:

a.concurrencycheck---ans(doubt)

b.none of these

c.entitycheck

d.databasecheck

52. which class is responsible for interacting adta as object in the entity framework?

select one:

a.entity

b.entitycontext

c.DBset

d.DBcontext----ans

53. which of the following option is CORRECT about navigation property?

select one:

a.navigation properties provide a way to navigate an association between two entity types.

b.every object can have a navigation property for every relationship in which it participates.

c.navigation properties allow you to navigate and manage relationships in both directions,returning either a reference object(if the multiplicity is either one or zero-or-0ne)or collection(if the multiplicity is many)

d.all of these

54. which annotation is used when you have multiple relationships between classes?

select one:

a.onmultiplerelation

b.required

c.foreign key

d.inverse property---ans(doubt)

55. entity state property is enum type

state true or false

select one:

a.true

b.false

56. how can we get objectcontext from DBcontext?

select one:

a.DBcontext.context

b.DBcontext.getobjectcontext()

c.none of these

d.((Iobjectcontextadaptor)db).objectcontext;---ans(doubt)

57. which of the following is the fullform of CSDL?

select one:

a.conceptual set definition language

b.conceptual schema definition language---ans

c.conceptual select definition language

d.conceptual selectdata definition language

58. find the correct code to execute sql raw query in the entity frameqwork from the following

select one:

a.using(var ctx = new schoolDBentities())

{

varstudentlist = ctx.students.sql("select*from student").tolist<student>();

}

b.none of these

c.using(var ctx = new schoolDBentities())

{

varstudentlist = ctx.students.execute("select*from student").tolist<student>();

}

d.using(var ctx = new schoolDBentities())

{

varstudentlist = ctx.students.sqlquery("select*from student").tolist<student>();-----ans(doubt)

}

59. which of the following statements are true?

I.the compiled query class provides compilation and caching of queries for reuse

II.execute method is to crteate a new delegates to represent the compiled query

III.once the query is compiled you can only supply parameters of primitive type but you cannot replace parts of the query that would change the generated SQL.

select one:

a.II & III

b.I,II & III

C.I & III

d.I & II

60. which of the following provider is used to access data in the conceptual model?

select one:

a.sqlclientprovider

b.entitycontexy

c.entity model provider

d.entity client provider----ans(doubt)

****

1. Which of the following require type-casting in the view?

I.ViewData

II.TempData

Select one:

a.I only

b.II only

c.Both I and II----------ANS

d.None of the listed options

2. Which of the following snippet creates database in local sql express by default?

I.public class Context:DbContext

{

public Context():base()

{

}

}

II.public class Context:DbContext

{

  public Context():base("DB Name")

{

}

}

Select one:

3. How is a User-defined table-valued function in SELECT,INSERT,UPDATE or DELETE statements is invoked?

Select one:

a.A User-defined table-valued function can be invoked in the FROm clause of a SELECT,INSERT,UPDATE & DELETE statement----------ANS

b.A User-defined table-valued function can be invoked as a stored procedure from a clause of a SELECT,INSERT,UPDATE & DELETE statement

c.A User-defined table-valued function can be invoked in the WHERE clause of a SELECT,INSERT,UPDATE & DELETE statement

d.A User-defined table-valued function can be invoked in the USING clause of a SELECT,INSERT,UPDATE & DELETE statement

4. You are given a task by your manager that includes assembly binding.Which file would you configure?

Select one:

a.System.config

b.Web.config----------ANS

c.Machine.config

d.Config.config

5. Which are the different types of file groups?

Select one or more:

a.Secondary

b.Primary----------ANS

c.User-defined----------ANS

d.Hidden

6. Model Binder Interface defines

select one

a. the .dll files that are requested for a model binder

b.the interfacae that are required for a model binder

c. the assembly that are required fro a model binder

d.the methods that are required for a model binder

7. Which statements are true about the maax constant in a varchar type?

a. It can be used when the data can exceed more than 8000 charcters

b. It can be used to fix the max length of charcters for the entire column

c. It can be used to store large blocks of text

d. It can be used to store large image types.

8. _____ is an XML based language which describes the entities , functions and relationships which create a conceptual model of a application.

select one

a. Conceptual schema definition langauage (CSDL)

b.Conceptual set definition Languaage(CSDL)

c.Conceptual select definition Language(CSDL)

d.None

9. Which of the following statements are true about AFTER trigger?

select one

a.AFTER trigger executes after the sattements that triggered it completes

b.AFTER trigger executes after the last trigger in the queue.

c.If the statement fails with an error the trigger is not executed.

d. AFTER triggers cannot be specified for tables , they can only be specified fro views.

e.AFTER triggers cannot be specified for views, they can only be specified for tables.

10. Which of teh following methods make entity framework fro detecting changes automatically?

selct one

a.DBSet.FInd

b.DBSet .Remove

C.DBSEt.Attach

d.all

11) Which one in the following is not included in the configuration hierarchy?

ASP.NET Application sub directory

ASP.NET root directory

root web

IIS

ASP.NET client server sub directory----------ANS

12) Unchanged State is the default state for an entity while the entity is retrieved from the database.

TRUE----------ANs

FALSE

13) Which of the following are database initializers used in Entity Framework

CreateDatabaseIfNotExist----------ANS

DropCreateDatabaseIfModelChanges-------ANS

DropDatabaseAlways

DropCreateDatabaseAlways----------ANS

CreateDatabaseAlways

14) public void testdate()

{

distance z = new Distance();

var message = new Sample(z);

Assert.areequal(distance,message,z);

} - analyse the code and identify why it will not work

15) When a LINQ to Entities is Executed

some expression in the query might be executed on the server and some parts might be executed locally on the

client. Client-side evaluation of an expression takesplace before the query is executed on the server----------ANS

some expression in the query might be executed on the server and some parts might be executed locally on the

server. Client-side evaluation of an expression takesplace before the query is executed on the server

some expression in the query might be executed on the server and some parts might be executed locally on the

client. server-side evaluation of an expression takesplace before the query is executed on the server

None of the options

16) which of the following statements are true about varchar data type?

varchar can hold alphanumeric data----------ANS

the storage size of varchar datatype is fixed

each row can hold different number of characters up to the max length defined-----ANs

each row can hold fixed number of characters as defined by max length

17) What is meant by materialization in entity framework?

Materialization is the process of returning query results back to the client as entity types

Materialization is the process of returning query results back to the client as CLR types----------ANS

Materialization is the process of returning query back to the client as CLR types

None of the options

18) Partial page rendering does which of the following

removes the need for the whole page to be refreshed as the result of a HTTPGet

only individual regions of the page that have changed are updated----------ANS

only header of the page that have changed are updated

Removes the need for the whole page to be refershed as the result of a postback-----ANs

19) Correct syntax for ActionLink with following argument AjaxHelper, String, String, AjaxOptions is a.

public static MvcHtmlString ActionLink(

this AjaxHelper ajaxHelper,

string linkText,

string modelName,

AjaxOptions ajaxOptions)

b.

public static MvcHtmlString ActionLink(

this AjaxHelper ajaxHelper,

string linkText,

string actionName,

AjaxOptions ajaxOptions;

)

c.----------ANS

public static MvcHtmlString ActionLink(

this AjaxHelper ajaxHelper,

string linkText,

string actionName,

AjaxOptions ajaxOptions)

20) Which of the following will render carinfo object stored in viewbag to a view

Select one:

a.

car information: @View.carinfo

b.

```
<p>
        car information: @ViewBag{carinfo}
    </p>
```

c.

```
<p>
        car information: @ViewBag.display(carinfo)
    </p>
```

d.---------- ANS

```
    <p>
        car information: @ViewBag.carinfo
    </p>
```

21) Which of the following option is correct about Navigation Property

Navigation properties provide a way to navigate an assiciation between two entity types

Every object can have navigation property for every relationship in which it participates

Navigation properties allow you to navigate and manage relationship in both directions, returning either a reference object or a collection

All of the options----------ANS

22) IObjectContextAdapter Interface is used to:

get the reference of ObjectContext from object

get the reference of ObjectContext from entity

get the reference of ObjectContext from DBModel

get the reference of ObjectContext from DBContext----------ANS

23) which exception will raise when you define an entity data model that uses stored procedures to make updates to the data source

OptimisticException

ConcurrencyException

OptimisticConcurrencyException----------ANS(Doubt)

None of the options

24) analyse the link:- "http://localhost/music/". Choose the option which is correct for it

I. Not running under cassini

II. running under IIS

I only

II only

both I and II----------ANS

none of the options

25) Which of the following model is used to defined application specific object

Entity Data Model----------ANS

SqlDataModel

ObjectModel

None of the Options

26. What are the different classes into which the SQL server divides principles?

select one or more

a. windows-level principle----------ANS

b. field-level principle

c. database-level principle----------ANS

d. SQL Server- level principle----------ANS

27. LINQ stands for

select one

a. Line Integrated Query

b. Line Integrated New Query

c. Language Integrated New Query

d. Language Integrated Query----------ANS

28. How can the execution plan of queries on partitioned tables and indexes be examined?

Select one or more

a. By using the Transact –SQL SET SHOWPLAN_XML----------ANS

b. By using the Transact –SQL SET STATISTICS_XML----------ANS

c. By using the Transact –SQL SET PARTITION_XML

d. By using the Transact –SQL SET INDEX_XML

29. You are given a task to make the current form secure such that it can be prevented csrf. Which of the following will be helpful?

Select One

a. <% using (Html.BeginForm()) {%><%= Html.AntiXssLibrary()%}

b. <% using (Html.BeginForm()) {%><%= Html.AntiForgaryToken()%}----------ANS

c. <% using (Html.BeginForm()) {%><%= Html.AntiCSRFToken()%}

d. <% using (Html.BeginForm()) {%><%= Html.AntiCSRFLibrary()%}

30. Which of the following is true in doing DB initialization in config file?

Select one (both a and c are same check once again)

a. <?xml version=”1.0” encoding=”utf-8”?><configuration><appSettings><add key=”DatabaseInitializerFrTypeBlogDataLayer.BlogDBContext, BlogDataLayer”/></ appSettings></configuration>

b. <?xml version=”1.0” encoding=”utf-8”?><configuration><appSettings><add key=”DatabaseInitializerFrTypeBlogDataLayer.BlogDBContext, BlogDataLayer”

value=”System.Data.Entity.DropCreateDatabaseAlways`1[[BlogDataLayer.BlogDBContext, BlogDataLayer]], EntityFramework”/></ appSettings></configuration>----------ANS

c. <?xml version=”1.0” encoding=”utf-8”?><configuration><appSettings><add key=”DatabaseInitializerFrTypeBlogDataLayer.BlogDBContext, BlogDataLayer”/></ appSettings></configuration>

d. <?xml version=”1.0” encoding=”utf-8”?><configuration><appSettings><add key=”DatabaseInitializerFrTypeBlogDataLayer.BlogDBContext, BlogDataLayer”, value=”Create Database”/></ appSettings></configuration>

31. Which of the following statements are true.

I. The CompiledQuery class provides compilation and caching of queries for reuse.

II. Execute method is to create a new delegate to represent the compiled query.

III. Once the query is compiled you can only supply parameters of primitive type but you cannot replace parts of the query that would change the generated SQL

Select one

a. I and II

b. II and III

c. I and III----------ANS

d. I, II and III

32. What do you understand by XSS attack?

Select One

a. Injection of malicious script----------ANS

b. Injection of class definition

c. Hacking via Browser

d. Hacking through cookies

33. What are the benefits of using Unique index?

Select one or more

a. It is less error prone

b. Data integrity of the defined column is ensured----------ANS

c. Additional information helpful to the query optimizer is provided----------ANS

d. The performance is not degraded----------ANS

[(https://msdn.microsoft.com/en-in/library/ms187019.aspx

Benefits of a Unique Index

Multicolumn unique indexes guarantee that each combination of values in the index key is unique. For example, if a unique index is created on a combination of LastName, FirstName, and MiddleName columns, no two rows in the table could have the same combination of values for these columns.

Provided that the data in each column is unique, you can create both a unique clustered index and multiple unique nonclustered indexes on the same table.

Unique indexes ensure the data integrity of the defined columns.

Unique indexes provide additional information helpful to the query optimizer that can produce more efficient execution plans.)]

34. Which action result type will return a temporary redirect (HTTP 302 status code) or a permanent redirect (HTTP 301 status code) depending on the Boolean parameter?

Select one

a. HttpNotFoundResult

b. RedirectResult----------ANS(https://www.asp.net/mvc/mvc3)

c. HttpStatusCodeResult

d. HttpRedirectResult

35. You are handling a page of event. Now the content and information you have cached so that it is loading quickly but

you need to keep a clock which shows time for the event dynamic. Which of the following will be helpful?

a. <%DateTime(t.now);%>

b. <%Response.WriteSubstitution(t=>DateTime.Now.ToLongTimeString())%>----------ANS

c. <% var c = dynamic.DateTime() %>

d. <%session s= new session[“Time”];%>

36. What is entity Key?

Select One

a. An entity key is a property or a set of properties of an entity type that are used to determine identity----------ANS

b. An entity key is a property or a set of properties of an entity type that are used to determine the column for searching index

c. An entity key is a property or a set of properties of an entity type that are used to identity relationship among the entities.

d. All of the listed

37. Problem Statement- Peter is a web developer and has created a website in ASP.NET MVC3 using razor view. People were giving feedback on his site without going through products detail page. They were navigating to the feedback page by editing the URL.

Now as a friend, suggest him to use “ChildAction” through “@HtmlAction”.

Which of the following would he choose?

Select one

a. The solution given by Brock is legitimate

b. Peter should use “@Html.GoThrough” in place of “@HtmelAction”

c. Peter should user “ChildActionOnly” in place of “ChildAction”----------ANS (Not Sure)

d. Such problem can’t exist

51) Identify the different types of stored procedures.

a.User-defined stored procedures-Transact SQL & CLR.----------Ans

b.Compiled Stored Procedures.----------Ans

c.Extended Stored Procedures.

d.System Stored Procedures.----------Ans

52) Which method converts string to HTML Encoded string?

a.HtmlUtility.HttpCode.

b.HtmlUtility.XmEncode.

c.HttpUtility.HtmlEncode.----------Ans

d.HttpUtility.HtmlCode.

53) Machine.config,contains settings that apply to an entire Network.State true or False.

a.True.

b.False.----------Ans

54) The ObjectContext class is not thread-safe.State True or False.

a.True.----------Ans

b.False.

55) Which of the package can be used to write an implementation for ASP.NET Identity that targets different persistence stores such as Azure Table Storage,NoSQL databases etc.?

a.Microsoft.AspNet.Identity.Core.----------Ans

b.Microsoft.AspNet.Identity.EntityFramework.

c.Microsoft.AspNet.Identity.OWIN

d.Microsoft.ASPNET.Security;

56) Which of the following is a way to install/download a Nuget in your system?

a.In your browser go to nuget.org->click on Download

b.In visual studio,go to tools->Extension Manager->search Nuget->Install

c.All of the listed options----------Ans

d.In a visual studio,right click on references->Add LibraryPackageReferences->search Nuget->Install

57) public class DependencyResolver-is the syntax for Dependency resolver class.State True or False.

a.True----------Ans

b.False

58) Which of the following code snippets is correct for an entity Post having relationship with Blog?

a.modelBuilder.Entity<Post>().HasRequired(p=>p.Blog)----------Ans

b.modelBuilder.Entity<Post>().NeedRelationship(p=>p.Blog)

c.modelBuilder.Entity<Post>().Required(p=>p.Blog)

d.None of the listed options.

59) Which of the following approach do we avoid working with the visual designer or entity framework?

a.Code First Approach.----------Ans

b.Model First Approach.

c.Database Approach.

d.None of the listed options.

60) Which of the following statements are TRUE?

i.Client wins and store wins are actions which are used when concurrency happens.

ii.In Client wins the data from the server is loaded in to your entity objects.

iii.In Store wins data from the entity object is saved to the database.

a.i and ii

b.ii and iii

c.only i----------Ans

d.i,ii and iii

****

1) natasha is trying to access a page but she is not able to do it.

on the other hand when john logged in via his credentials he could .what may be the reason?

a)webserver credential overriding

b)role based access----------Ans

c)url cutomization

d)account rendering

2) LINQ stands for

ans) Language integrated query

3) if foreign key coloumns are not available in the model , the relationship are reffered with the object references instead of

foreign key properties .what is the association called??

a)independent association --------ans

b)dependent association

c)relationship

d)entityrelationship

4) which all index options can be set without rebuilding the index?

a)allow_page_locks----------ans

b)allow_row_locks----------ans

c)ignore_dup_keys----------ans

d)data_compression

e)statistics_norecompute----------ans

5) a query is an expression that retrieves data from a data source?

true ----------ans

false

6) for any injection ,we use

a)[inject]

b)none ----------Ans Doubt

c) [injection creato]

d) [inject initialize]

7) which of the following is not a HtmlHelper?

a)LabelFor

b)EditorFor

c)ValidationMessageFor

d)None of the listed options----------ans

8) how can we disable proxy object creation in POCO?

A) CONTEXT.CONTEXTOPTIONS.ENABLED = FALSE;

B)CONTEXT.CONTEXTOPTIONS.PROXY=FALSE;

A) CONTEXT.CONTEXTOPTIONS.PROXYENABLED = FALSE;

B)CONTEXT.CONTEXTOPTIONS.PROXYCREATIONENABLED = FALSE;----------ANS

9) SaveChanges() will be raised exception when which of the following object is added to the

objectcontext and it cannot be successfully created in the data source?

a)DbException

b)Savexception

c)ChangeException

d)UpdateException----------ans

10) Activator class cannot be inherited?

true--------answer

false

11)which of the following class object is used for manipulatiing entity and trigger the changes while insert

,delete and update on the entity?

a) DbContext----------Ans

b) DataContext

c) Model-defined Functions

d) None

12) _____ is an xml-based language which describes the entities, functions and relationships which create a conceptual model of an application?

a) conceptual schema definition language----------ans

13) Which of the following mapping is supported by Fluent Api?

a) Model-wide mapping

b)entity mapping

c) property mapping

d) all ----------answer

14) what are the significance of recovery model setting??(multiple)

a)it determines how much data can be recovered in the event of a media failure----------Ans

b) it determines the location where the data should be recovered in the event of a media failure

c)the default recovery is full , which provieds the greatest level of recovery----------Ans

d) the default is partial which provides the greatest level of recovery

15) Which statements are true about rank function?

a)it returns the rank of each row in the table within the partition of a database----------ans

b) the rank of a row is equal to the number of ranks that comes before the row in question

c) the rank of a row is one plus the number of ranks that comes before the row in question------ans

d)the rank function returns consecutive integers

e) the rank function does not always return consecutive integers----------ans

16) In application page. you are supposed to take details from a user but you to make sure that the user doesn't leave this space blank. Which of the following will accomplish this objective?

a. [Required]

public Pricate string Details{get;set;}

b. [Required]

public virtual string Details{get;set;}----------Ans

c. [Must]

public virtual string Details{get;set;}

d. [Must]

public virtual int Details{get;set;}

17) Which of the following option is CORRECT to select only the coulumns StudentName, Department and GroupName from the student entity of the student name "Kishore"?

a. from s in ctx.Students where s.StudentName == "Kishore" select new { s.StudentName, s.DepartmentName, s.GroupName };----------Ans

b. from s in ctx.Students where s.StudentName == "Kishore" where new { s.StudentName, s.DepartmentName, s.GroupName };

c. from s in ctx.Students where s.StudentName == "Kishore" include new { s.StudentName, s.DepartmentName, s.GroupName };

d. None of the listed options

18) which of the following should you to choose to activate buildview property in asp.net?

ans) <MvcBuildViews>true</MvcBuildViews>

19) which of the foolowing is the full for for ssdl

ans)Storage Schema Definition Language

20) dependencyresolver() is destructor?

ans)false

21) how is the data of partition tables managed?

(a)The data of aprtioned tables and indexes is divided into units .....ans

(b)the data is partitioned horizontally,.....ans

(d)The table or index is treated as single logical entity.----------Ans

22) Your manager has given you a task. It reads as follows:- the product list should be shown and when the user clicks on the product name it should Show it's details. Do it without Using Json.

Which of the following would you choose?

a. $(function(){ var service=new ProductService();
service.GetInstructorNames(function(result){${result).each(function(result)

{$("<option>").val(this.ID).text(this.Name) .appendTo("#productSelect");});});----------Ans

b. $("#productSelect").change(function(){ var val=$("#productSelect").val() if(parseInt(val)){ var service=nes ProductService(); service.GetProductDetails(val.function(data)) {var list=("<ul></ul>"); $(data.Facts).each(function(){$("<li>"+this+"</li>").appendTo(list);}); $("productShow").html(list); }); } else { $("#productShow").html("");} });

c. $("#productSelect").change(function(){ var val=$("#productSelect").val() if(parseInt(val)){ var service=nes ProductService(); service.GetProductDetails(val.function(data)) {var list=("<ul></ul>"); $(data.Facts).each(function(){$("<li>"+this+"</li>").dependTo(list);}); $("productShow").html(list); }); } else { $("#productShow").html("");} });

d. $(function(){ var service=new ProductService(); service.GetInstructorNames(function(result){${result).each(function(result){$("<option>").val(this.ID).text(this.Name) .appendTo("#productSelect");});

23) Which of the following Entity will create a table with the following specifications:

I. It should have FirstName and should be required

II. It should have LastName and should be Required

III. Full Name must be FirstName LastName

IV. EmployeeID should be primary key

V. It should have DepartmentID

VI. Department Entity should be lazy loading

a. public class Employee

b. public class Employee{ public string EmployeeId {get;set;} public string FirstName {get;set;} public string FullName {get;set;}public string DepartmentId{get;set;} public Department Department{get;set;}}

c. public class Employee{[key]public string EmployeeId{get;set;}public string FirstName {get;set;}[DatabaseGenerated(DatabaseGeneratedOption.Computed)]

public string FullName { get{ return FirstName +"."+ LastName; }} public string DepartmentID{get;set;) public virtual Department Department{get;set;}}----------Ans

d. public class Employee{ [key] public string EmployeeId {get;set;} public string FirstName {get;set;} public string FullName {get;set;}public string DepartmentId{get;set;} public Department Department{get;set;}}

e. public class Employee{[key]public string EmployeeId{get;set;}public string FirstName {get;set;}[DatabaseGenerated]public string FullName { get{ return FirstName +"."+ LastName; }} public string DepartmentID{get;set;) public Department Department{get;set;}}

24. You have to validate project name from the company database.-Which of the following will be helpful?

a. public string Pname{ get; set;}

[Remote ("CheckPname"."Home"."Error Message="Name not there")]

public JavaResult CheckPname (string Pname)

{/* validation code*/}

return Java(result,JsonRequestBehavior.AllowGet);

b. public string Pname{ get; set;}

[Compare ("CheckPname"."Home"."Error Message="Name not there")]

public JsonResult CheckPname (string Pname)

{/* validation code*/}

return Json(result,JsonRequestBehavior.AllowGet);----------Ans

c. public string Pname{ get; set;}

[Remote ("CheckPname"."Home"."Error Message="Name not there")]

```
public JsonResult CheckPname (string Pname)
{/* validation code*/}
return Json(Pname,JsonRequestBehavior.DenyGet);
```

d. public string Pname{ get; set;}

```
[Remote ("CheckPname"."Home"."Error Message="Name not there")]
public JsonResult CheckPname (string Pname)
{/* validation code*/}
return Json(result,JsonRequestBehavior.AllowGet);
```

25) which statements are true about large clr user defined types?

(a) Extend exisiting SQL Server Type Sysytem.----------ans

(c)Allow you to store CLR objects in SQL Server Database.----------ans

26) how can we delete the database on the database server if it exists?

ans)Delete(DbConnection)

27. Which of the following code can be used as an option for partial view through child request?

a. Part 1=@html.Action("Sampleone","Feedback")

```
Part 2= [ChildActionOnly]
public ActionResult Sample_one()
```

{*..some code..*}

b. Part 1=@html.Action("Sampleone","Feedback")

Part 2= [ChildAction]

public ActionResult Sample_one()

{*..some code..*}

c. Part 1=@html.Action("Sample_one","Feedback")

Part 2= [ChildActionOnly]

public ActionResult Sample_one()

{*..some code..*}----------Ans

d. Part 1=@html.Action("Sampleone","Feedback")

Part 2= [ChildAction]

public ActionResult Sample_one()

{*..some code..*}

28) which one of the following are the properties of the HTTPcONFIGURATION CLASS?

a) Dependency Resolver--ans

(c) Mesaage Handlers--ans

29) choose handle error attribute globaly

(b) All of the listed options-ans

30) DbContext does not support comiled queries?

true----------ans

31) How can we set primary key explicitly for an entity?

a.ModelBuilder.CreateKey<Entity>(t=>t.KeyColumnYouWant);

b.ModelBuilder.Entity<Entity>().HasKey(t=>t.KeyColumnyouWant);

c.ModelBuilder.Key<Entity>(t=>t.KeyColumnYouWant);

d.None of the listed options.----------ans doubt

32) In Lazy loading,the navigation property has to be declared as:

a.static

b.public----------Ans

c.proxy

d.virtual----------Ans

33) Which statements are true about CLR stored procedures?

a.It is a reference to a Microsoft.NET Framework common language runtime(CLR)method.----------Ans

b.The method can take and return user-supplied parameters.----------Ans

c.The method can only take input parameters.

d.They are implemented as public,static methods on a class in a .NET Framework assembly.----------Ans

e.They are implemented as private,protected methods on a .NET Framework assembly.

34) What are the benefits of using a Unique index?

a.It is less error prone.

b.Data integrity of the defined columns is ensured.----------Ans

c.Additional information helpful to the query optimizer is provided.----------Ans

d.The performance is not degraded.

35) SQL Server consists of which of the following three types of files?

a.Primary data files----------Ans

b.Secondary data files----------Ans

c.Hidden files

d.Log files----------Ans

36) Which of the following is not the Design goal of ASP.NET MVC3?

i.Embrace the Web

ii.Testable

a.ii only----------Ans

b.Both i and ii

c.None of the listed options

d.i only

37) What are the limitations of Ownership chaining?

a.Applies only to DML statements:SELECT,INSERT,UPDATE and DELETE.----------Ans

b.The owners of the caliing and the called objects must be the same.----------Ans

c.The owners of the calling and the called objects must be different.

d.Does not apply to dynamic queries inside the module.----------Ans

38) What does the following syntax do?

CREATE TABLE T1(Col1 int primary key,Col2 xml)

a.It creates a row in a table.

b.It creates a column of type int in the table & sets it as a primary key.----------Ans

c.It creates a column of type xml.----------Ans

d.It creates an empty table.

39) Partial page rendering does which of the following?

a.Removes the need for the whole page to be refreshed as the result of a HTTPGet.

b.Removes the need for the whole page to be refreshed as the result of a postback.----------Ans

c.Only header of the page that have changed are updated.

d.Only individual regions of the page that have changed are updated.----------Ans

40) How are user defined functions different from User-defined Stored Procedures?

a.In user-defined function the default parameter is specified with a DEFAULT keyword.

b.In User-defined function omitting the parameter also implies default value.

c.User-defined functions do not support output parameters.----------Ans

d.User-defined functions do support output parameters.

41) Which of the following is used to provide short expression for querying entities over linq?

a.LINQ to DataSet.

b.LINQ to SQL.

c.Lambda expression.

d.None of the listed options.

42) Which of the following approach do we avoid working with the visual designer or entity framework?

a.Code First Approach.----------Ans

b.Model First Approach.

c.Database Approach.

d.None of the listed options.

43) Novak is a given a task by his manager to strictly load a particular image only after page gets loaded.What will you advice him to do?

i.Tell him to use JavaScript.

ii.Tell him to combine OnLoad function with JavaScript.

iii.Tell him to use AfterLoad function with JavaScript.

a.i and ii----------Ans

b.ii and iii

c.i and iii

d.i,ii,iii

44) In console window,PM stands for _____

a.Project Manager.

b.Package Manager.----------Ans

c.Package Model.

d.Priority Manager.

45) Which statements are true about the GROUPING function?

a.It is an aggregate function that causes an additional column to be used with a value of 1 when the row is added by either the CUBE or ROLLUP operator.

b.It is an aggregate function that causes an additional column to be used with a value of 0(True) when the row is added by either the CUBE or ROLLUP operator.

c.It is an aggregate function that causes an additional column to be used with a value of 0 when the row is not the result of CUBE or ROLLUP operator.

d.It is an aggregate function that causes an additional column to be used with value equal to the number of rows added by either the CUBE or ROLLUP operator.

e.Grouping is allowed only in the select list associated with a GROUP BY clause that contains either the CUBE or RoLLUP operator.

46. by default, the entry framework will generate the database

queries and update commands when your code interacts with the model?

Ans:True

47. entity is defined as _____ of the object, but not the behavior of the object?

a.Object

b.Schema----------Ans

c.Entity

d.None

48. Entity framework is an open source framework? True or false

Ans:True

49. In an application page, you are suppose to take students % between 40-80.

which of the following will accomplish this objective?

select one

a.[Range (40,80)]

public virtual int Perc{get;set;} ----------Ans

b.[between (40;80)]

public virtual int Perc{get;set;}

c.[Range (40,80)]

public virtual string Perc{get;set;}

d.[Range (40||80)]

public virtual int Perc{get;set;}

50. What kind of data does the XML datatypes store in SQL server? (Multiple ans)

a.Office documents

b.Memory maps

c.XML documents----------Ans

d.Fragments----------Ans

51. What does a cache profile do?

i.Cache profile allows libraries to provide fast output to sql queries

ii.Cache profile avoids repetition in cache attributes

select one:

a.Both i and ii----------Ans

b.i only

c.ii only

d. None of the listed options

52. Fredrick is carrying out a TDD and is expecting ArgumentOutOfRange exception

but he does not known how to write a code to declare that an exception is expected.

To help him, which of the following would you choose?

select one;

a.[Exception.Expected=ArgumentOutOfRange]

b.[ArgumentOutOfRangeException.Expected]

c.[ExpectedException(typeof(ArgumentOutOfRange))]----->ans

d.[ArgumentOutOfRange.Expected=True]

53. How are Database-level principles categorized?(Multiple ans)

a.database administrator

b.database user-->ans

c.database role-->ans

d.windows role

e.Application role-->ans

54. In caching,by default the location property have the value___

a.All

b.Any--->ans

c.None

d.Auto

55. Which of the following is a way to install/download a Nuget in your system?

a.In your browser go to nuget.org-->click on download

b.In a visual studio, right click on references-->Add LibraryPackageReferences-->search nuget-->Install

c.All of the listed options----------Ans

d.In visual studio, go to tools-->Extension manager-->search Nuget-->Install

56. what is meant by Materialization in entity framwork?

Ans:Materialzation is the process of returning query results back to the

client as CLR types

57. Entity framework support foreign key? t or f

Ans: True

58. If your are moving your project from MVC2 to MVC3 what will be the

value of "UnobtrusiveJavaScriptEnabled"

a.True

b.None

c.False--->ans

d.Auto

59. We can write raw sql query in SQLQuery() method in entity framework? T or F

Ans:true

60. Which namespace is used to handle EntityClient provider?

a. System.Data.EntityClient---------->ans

b.System.Transactions

c.system.data.annotations

d.None of the listed options

****
****

(GOKUL-2)

1. Which of the following is the full form POCO in entity framework?

Select one:

a.Plain Old Object.

b.Plain Old CLR Object----------ans

c.Plain Old Char Object

d.None of the listed options.

2. In entity Framework, Data is retrieved as objects

State true or false

Select one:

True----------ans

False

3. How can we disable proxy object creation POCO?

Select one:

a.context.ContextOptions.Enabled = false;

b.context.ContextOptions.Proxy = false;

4. Linq to Entity Query results are usually returned as which of the folowing?

Select one:

a. A collection of zero or more typed entity objects or a projection of complex types defined in the conceptual model.

b.Inline collections

c.Linq to objects

d.Anonymous types

e.all of the listed options.

5. Which of the following are the major layers in entity framework?

Select one or more:

a.The modeling layer----------ans

b.The value layer

c.The object layer----------ans

d.The database layer

e.The domain layer

6.Resources files have_____ extension.

select one:

a.rsrcx

b.src

c.srcx

d.resx---

7. Which of the following are used to locate the entities at the ends of an association in a conceptual model?

Select one:

a.Navigation properties

b.Attributes

c.Index

d.Proxy

8. In "return Json()".denyGet is the default to avoid_____.

Select one:

a.Password copying.

b.Slow loading

c.Trafflicking

d.Json hiJacking

9. Match the characterstics for testing with their respective entity.

Routes----------Need to invoke before test

Views----------Adviced to use automation tool

10. Which namespace supports data annotation in entity framework?

Select one:

a.Sysytem.Data.EntityClient

b.Sysytem.Data.ComponentModel

c.Sysytem.Data.ComponentModel.dataAnnotations----ans(doubt)

d.Sysytem.Data.Entity

11. Whenevera user for a product on the web page,user should get a list of products and only that particular

portion of the webpage should get updated and the whole page should not be refreshed.Which of the following will help you to achieve this?

Select one:

a.<%using (Ajax.BeginForm("","")%>

48) A good TDD code have which of the following quality?

ANS:

49)

50) on what conditions can you perform concurrent online index operations on the same table?

ANS:

Creating multiple new nonclustered indexes

Reorganizing unique indexes on multiple tables

51) jquery.validator.addmethod returns_____

ANS:True or false

52) How many times did you need to perform a unit test?

C# 3.5

1. Which statements are true about yield statements? (select 4)
   a. A yield statement can also appear in an anonymous method.
   b. A yield statement cannot appear in an anonymous method.
   c. When used with expression, a yield return statement cannot appear in a catch block or in a try block that has one or more catch clauses.
   d. A yield statement can only appear inside an iterator block.
   e. The yield keyword signals to the compiler that the method in which it appears is an iterator block.

   Answer: - b, c, d, e

2. A generic interface or generic delegate type can have both covariance and contra variance type parameters.

   Answer: - True

3. Extension methods gives you the capability of adding methods of existing types of our own types, without creating the new derived class.

   Answer: - True(These are the special type of static methods)

4. Query expressions can be compiled to expression trees or to delegates.

   Answers: - True

5. A generic type parameter that is not marked covariant or contra variant is reference to as_____.
   a. Nonvariant
   b. Variant
   c. Neutral
   d. Invariant

   Answer: - d (http://msdn.microsoft.com/en-us/library/dd799517.aspx)

6. Which statement is true about AssemblyBuilder class? (select 3)
   a. The extended modules in the existing assembly are saved using the save method.
   b. Define and represents a dynamic assembly.
   c. The dynamic modules in the assembly are saved when the dynamic assembly is saved using save method.
   d. Extends an existing assembly.
   e. To generate an executable the SetEntryPoint method must be called to identify the method that is the entry point to the assembly.

   Answer: - b,c,e

7. Generic keyword is used for covariance and contra variance.

   Answer: - True

8. How to get the type of assembly?

   Answer: - GetType()

9. How to define dynamic module of an assembly?

   Answer: - DefineDynamicModule(string)

10. var keyword is use to initialize –

    Answer: - Object

11. Which is the auto-increment able

(http://msdn.microsoft.com/en-us/library/system.collections(v=vs.71).aspx)

Answer: - Hashtable()

12. You can use the _____ delegate to represent a method can be passed as a parameter, without explicitly decaling a custom delegate.

Answer: - Func<TResult>

13. Which method gets serialization information with all of the data need to reinstantiate this assembly?

Answer: - Get Object Data

14. In a generic type definition the_____ clause is used to specify constraints on the type that can be used as arguments for a type parameter, defined in a generic declaration.

Answer: - Where (http://msdn.microsoft.com/en-us/library/bb384067.aspx)

15. List<int> digits= new List<int>{0,1,2,3,4,5,6,7,,8,9};

Answer:- Collection Intializer

16. Specify condition when partial classes become necessary

Answer: -

a. When working on large projects, spreading a class over separate files allows multiple programmers to work on it simultaneously.
b. When working with automatically generated source, code can be added to the class without having to recreate the source file.
c. To split a class definition, use the partial keyword modifier.

17.
```
void Swap<T>(List<T> list1, List<T> list2)
{
        //code to swap items
}
void Swap(List<int> list1, List<int> list2)
{
```

```
            //code to swap items
        }
```

Answer: - Open constructed and closed constructed types can be used as method parameters

18. for new() constraint :-

Answer:-

a. The type argument must have a public parameter less constructor.

b. When used in conjunction with other constraints, the new() constraint must be specified last.

19. List<int> numbers = new List<int>() { 5, 4, 1, 3, 9, 8, 6, 7, 2, 0 };
var IEnumerable<int> filteringQuery =from num in numbers
where num < 3 || num > 7 select num;

Answer: -

a. Query expression demonstrates how to filter or restrict results by applying conditions with a where clause.

b. It returns all elements in the source sequence whose values are greater than 7 or less than 3.

20. String[] groupingQuery = { "carrots", "cabbage", "broccoli", "beans", "barley" }; IEnumerable<IGrouping<char, string>> queryFoodGroups = from item in groupingQuery group item by item[0];

Answer: - Expression demonstrates how to group results according to a key. This query returns two groups based on the first letter of the word.

21. Difference b/w action<T> and function<t>

Answer: - action<t>Encapsulates a method that has a single parameter and does not return a value.

function<t>Encapsulates a method that has a single parameter and return a value.

22. A flexible and secure method of isolating running applications.

Answer:- appdomain()

23. public static IEnumerable<TResult> Join<TOuter, TInner, TKey, TResult>(
this IEnumerable<TOuter> outer,
IEnumerable<TInner> inner,
Func<TOuter, TKey> outerKeySelector,
Func<TInner, TKey> innerKeySelector,
Func<TOuter, TInner, TResult> resultSelector

Answer: - Usage of Join operator

24. Generic and Non-Generic inherited from base class

Answer: - True

25. Interface which is type of covariant.

Answer:-

a. **IEnumeriable<T>**
b. **Iquariable<T>**
c. **IComparator<T>**

26. How non generic, generic is inherited from base class.

Answer: - generic use open constructed and closed constructed.

27. What are true about query expression?

Answer:-

a. **Query expressions are often more readable than equivalent expressions written in**
b. **Some query operations, such as Count or Max, have no equivalent query expression clause and must therefore be expressed as a method call**
c. **Query expressions can be compiled to expression trees or to delegates**

28. True about anonymous method.

Answer:-

a. **Some option with: -- Use jump,goto ,break it is compiler error or not.**

29. Expression <Del> myet =X => X*X represents

Answer:-

a. Expression tree.
b. Delegate type.

30. How to Creates an instance of the specified type 'whose name is specified' using the constructor

Answer:- CreateInstance()

31. var V item =new (Rate =90, msg="hello");

Answer: - { four options : }
use of Anonymous method with the property of Rate and msg.

32. var VTemp = { new<rate>=97 , ,message="NewRate"};

Answer:-

a) Example of Anonymous Type
b) A option containing Rate & message in end

33. _____ Method locates the specified type from this assembly & creates instance using system.

Answer: - Create Instance()

34. True about Lambda Expression

Answer: -

a. A *lambda expression* is an anonymous function that can contain expressions and statements, and can be used to create delegates or expression tree types
b. The left side of the lambda operator specifies the input parameters (if any) and the right side holds the expression or statement block
c. And 1 more option ...dnt remember ... something like => operator .

35. Question on anonymous type:

Answer:-

a. **If two or more anonymous types in the same assembly have the same number and type of properties, in the same order, the compiler treats them as the same type**
b. **They share the same compiler-generated type information.**

36. Significance of dynamic method

Answer:-

a. **Discarded methods are available for garbage collection.**
b. **It can define dynamic method that compile, executed and discarded.**

37. On nested types

```
publicclass Container
{
publicclass Nested
   {
private Container parent;

public Nested()
      {
      }
public Nested(Container parent)
      {
this.parent = parent;
      }
   }
}
```

Answer:- Ans is within this (read it from msdn type the que):

A nested type has access to all of the members that are accessible to its containing type. It can access private and protected members of the containing type, including any inherited protected members.

the full name of class Nested is Container.Nested. This is the name used to create a new instance of the nested class, as follows

The nested, or inner type can access the containing, or outer type. To access the containing type, pass it as a constructor to the nested type

A type defined within a class or struct is called a nested type

Regardless of whether the outer type is a class or a struct, nested types default to private, but can be made public, protected internal, protected, internal, or private. In the previous example, Nested is inaccessible to external types, but can be made public like this:

The nested, or inner type can access the containing, or outer type. To access the containing type, pass it as a constructor to the nested type

Nested types can access private and protected members of the containing type, including any inherited private or protected members.

38. Var keyword is used for

Answer:-

- **var** can only be used when a local variable is declared and initialized in the same statement; the variable cannot be initialized to null, or to a method group or an anonymous function.
- **var** cannot be used on fields at class scope.
- Variables declared by using **var** cannot be used in the initialization expression. In other words, this expression is legal: int i = (i = 20); but this expression produces a compile-time error: var i = (i = 20);
- Multiple implicitly-typed variables cannot be initialized in the same statement.
- If a type named var is in scope, then the **var** keyword will resolve to that type name and will not be treated as part of an implicitly typed local variable declaration.

You may find that **var** can also be useful with query expressions in which the exact constructed type of the query variable is difficult to determine. This can occur with grouping and ordering operations.

The **var** keyword can also be useful when the specific type of the variable is tedious to type on the keyboard, or is obvious, or does not add to the readability of the code. One example where **var** is helpful in this manner is with nested generic types such as those used with group operations. In the following query, the type of the query variable is IEnumerable<IGrouping<string, Student>>. As long as you and others who

must maintain your code understand this, there is no problem with using implicit typing for convenience and brevity

38. LINQ to DataSet

Given some query.So choose two options involving the keyword dataset

39..LINQ to XML

Given some query with some 'load' method.Choose option involving key words,

1.linq to xml and

2.element containing attribute value.

40. The preference for generic classes is to use generic interfaces ,such asTComparable<T>rather than IComparator,why??

To avoid boxing and unboxing operations on value type.

1. Concepts of boxing & unboxing :
   Ans: the conversion of Value type to reference -> Boxing
   Ref to value -> Unboxing
2. The CLR completely --- assemblies from each other by _____
   Ans: When code is type safe.
3. What is CAS (Code Access Security)
   Ans: CAS Defines permissions sets - things that can be done by a set of code and membership conditions
4. If you want to define a class that has a public method that identifies the instance type of the instantiated class . What will you do?
   Ans: Add a reference system.Reflection namespace in your code and add an attribute called as objectType.
5. What is Namespace?
   Ans: A namespace is a Logical grouping of the names-identifiers -used within an application.
6. You can have two files with the same name in GAC . State true or false
   Ans: true
7. How would you provide callback capability for events ?
   Ans: delegates
8. What is Managed code ?
   Ans: Code that has its execution managed by the .NET framework Common Language Runtime.
9. What is Public/shared assembly ?
   Ans: shared Assemblies are the assembly that are accessible globally/shared across the machine to all applications.
10. What is the best term used to describe the Fundamental unit of deployment and versioning in .NET framework?

Ans: Assembly

11. Which of the following .NET type is like a class, that can contain constructors, fields methods, indexers and properties, but does not support inheritance and also is a value type ?
    Ans: struct
12. The memory allocated to reference is always released in which of the following ways?
    Ans: when the reference counter reaches 0
13. How do you add and remove assembly from GAC ?
    Ans: gacutil.exe/l.myassembly.dll,
    gacutil.exe/u.myassembly.dll
14. .NET web services allow remote applications to easily communicate over http port 80 using XML. State true or false?
    Ans: true
15. What is CTS in .NET ?
    Ans: It defines the Rules concerning datatype. (The common type system defines how types are declared, used, and managed in the common language runtime)
16. How can you create a Strong name for a .NET assembly ?
    Ans: with the help of sn.exe

17. What is Reflection ?
    Ans: Enables an application to discover info about classes in order to access the class members, create new types at run time.
18. What are the Data types supported by CTS ?
    Ans: both value and reference type
19. Not a .NET compatible language ?
    Ans: Java
20. In .NET Event programming delegates are used for declaring and implementing which one of the following event programming structures?
    Ans: EventHandler
21. What is Private assembly ?
    Ans: Assembly that is Applicable to particular applications where they are kept.
22. What is the Diff b/w namespace and assembly ?
    Ans: A. namespace : is a collection of name, wherein each name is unique.
    B. Assembly contains MSIL code.

23. Which one of the following is a reference type?

Ans: object,array (string, delegates, class)

24. ILDASM stands for?

Ans: Intermediate Language DisASsembler

25. What is delegates?

Ans: a delegate can be defined as a type safe function pointer

26. Common language specification (cls) _____

Ans: defines standard rules for defining .net compliant languages.

27. What is Garbage Collection (GC)?

Ans: GC is the process whereby the common language runtime (CLR) reclaims memory that is no longer in use. Ie, no longer referenced by an active object.

28. From which of the following locations does the GC remove the objects?

Ans: from the managed heap

29. what is delay signing?

Ans: delay signing allows you to place a shared assembly in GAC by signing the assembly with just the public key

30. The data view can provide different views of which of the following objects?

Ans: Datatable

1. **Randy wants to use a type that provides call-back capabilities for events.**

Given the scenario above, which one of the following types does Randy use to provide the call-back?

Choice 1	Context
Choice 2	Pointer/
Choice 3	Transaction
Choice 4	Delegate
Choice 5	Attribute

2. **Which one of the following gives the developer the most control over immediately releasing resources?**

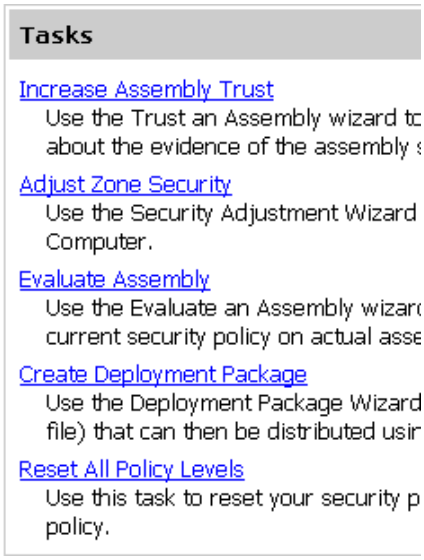
Choice 1	The Finalize method
Choice 2	The class loader
Choice 3	The Just-In-Time (JIT) compiler

Choice 4	The garbage collector
Choice 5	The Dispose method

3. **Which one of the following .NET Class members provides functionality similar to a Property but provides a parameter for accessing specific member instances?**

Choice 1	Events
Choice 2	Accessors
Choice 3	Operators
Choice 4	Structures
Choice 5	Indexers

4.



Referring to the .NET 1.1 Configuration Tool in the image above, which one of the following types of security do you configure using this tool?

Choice 1 Role Based Security

Choice 2 Programmatic Security

Choice 3 Declarative Security

Choice 4 **Code Access Security**

Choice 5 User Input Security

5. **Which one of the following .NET framework members or methodologies do you use to extend your assemblies' meta-data with custom application information?**

Choice 1 Compile with the /reference option

Choice 2 System.Reflection.Assembly namespace members

Choice 3 Attributes

Choice 4 Use the MSIL Disassembler (Ildasm.exe) tool

Choice 5 XML comments

6. **When using a multicast delegate, which one of the following statements is true?**

Choice 1 The .BeginInvoke() method must be used to explicitly call the contained method.

Choice 2 A delegate cannot be used to wrap multiple method targets.

Choice 3 The delegate must be declared as public.

Choice 4 The delegate signature must return a void.

Choice 5 The delegate must be declared as private.

7. **Which one of the following statements is true with respect to the Common Language Runtime (CLR)?**

Choice 1 The C# and VB.NET compilers compile source code to native code.

Choice 2 All .NET languages that use the CLR produce only CLS (Common Language Specification) compliant code.

Choice 3 Code compiled in one .NET language can interact with code compiled in a different .NET language.

Choice 4 The Common Language Run-time compiles source code to MSIL code.

Choice 5 The CLR does NOT implement a Common Type System.

8. You are working on a procedure that needs access to some Integer data. You decide to declare some variables to work with this Integer data.

Referring to the scenario above, why do you declare your variables as a simple type (Int32) rather than the Object super-type?

Choice 1 Use of the Object type allows the compiler to optimize the MSIL it produces.

Choice 2 **Use of the Object type is less efficient than a native type because it is always late bound.**

Choice 3 Use of the Object type is equal in efficiency to the use of a native type, but may use more memory.

Choice 4 Use of the Object type forces all data to be stored on the Stack.

Choice 5 The Object type does support the .Equals() method for equality comparisons.

9. The PEVerify tool is used to determine which one of the following?

Choice 1 If the specified MSIL code is type-safe

Choice 2 **If the specified MSIL code is verifiably type-safe**

Choice 3 If the specified C# code only is verifiably type-safe

Choice 4 If the specified native code is verifiably type-safe

Choice 5 If the specified source code is type-safe

10. You need to create an application that can be rendered to a variety of devices using different user interface technologies, including HTML, compact HTML (cHTML), and WML.

Given the scenario above, which one of the following .NET application types was specifically created to best handle this?

Choice 1	.NET Smart Device Application
Choice 2	.NET Windows Application
Choice 3	.NET Console Application
Choice 4	**ASP.NET Mobile Web Application**
Choice 5	ASP.NET Web Application

11. Which one of the following statements is true regarding Microsoft Visual C++ and the .NET Framework?

Choice 1	Microsoft Visual C++ cannot generate .NET managed code.
Choice 2	Microsoft Visual C++ code can only be used to generate MFC applications.
Choice 3	Microsoft Visual C++ can only generate native code.
Choice 4	Microsoft Visual C++ cannot generate .NET type-safe managed code.
Choice 5	**Microsoft Visual C++ cannot generate .NET verifiably type-safe managed code.**

12. Microsoft highly recommends that you use the .NET Framework Configuration tool (Mscorcfg.msc) or the Policy tool (Caspol.exe) when making configuration changes to which one of the following configuration file types?

Choice 1	**Security Configuration Files**
Choice 2	Application Configuration Files
Choice 3	Web.config Configuration Files
Choice 4	Machine.config Configuration Files
Choice 5	Custom Configuration Files

13. You need to expose a .NET assembly to some legacy COM based applications. In doing so, you know you need to use the RegAsm.exe utility.

Referring to the scenario above, which one of the following functions does the RegAsm.exe .NET Framework utility serve in allowing .NET code to be accessed by COM clients?

Choice 1	**The RegAsm.exe tool reads the metadata within an assembly and adds the necessary entries to the registry.**
Choice 2	.NET assemblies cannot be called from COM components.
Choice 3	The RegAsm.exe tool reads the metadata within an assembly and scans the computer, registering the .NET assembly with all installed COM objects.
Choice 4	The RegAsm.exe tool reads the metadata within an assembly and creates the Runtime Callable Wrapper (RCW) at that time.
Choice 5	The RegAsm.exe tool reads the metadata within an assembly and creates the COM Callable Wrapper (CCW)

at that time.

14. You are creating a .NET Windows Forms application named MyGreatApp.exe that uses an application configuration file for startup information.

Referring to the scenario above, what must your application configuration file be named once you have compiled and deployed your application?

Choice 1 MyGreatApp.xml

Choice 2 App.xml

Choice 3 App.Config

Choice 4 MyGreatApp.config

Choice 5 **MyGreatApp.exe.config**

15. An ADO.NET Transaction is created on which one of the following ADO.NET objects?

Choice 1 DataAdapter

Choice 2 Dataset

Choice 3 DataReader

Choice 4 Command

Choice 5 **Connection**

16. By implementing Code Access Security in their code, the developer can achieve which one of the following objectives?

Choice 1 Ensure that the client machine administrator cannot specify the rights an assembly may have.

Choice 2 Ensure that only users with the proper roles can access the assembly.

Choice 3 Enable the assembly to receive whatever rights it may require on any target client.

Choice 4 **Enable code to demand that its callers have specific permissions.**

Choice 5 Ensure that if an assembly has the rights to compile, it has all the necessary rights to run on any client.

17. In order for a type to be used and inherited by another component written in a different .NET language, to which one of the following standards must it adhere?

Choice 1 COM+

Choice 2 COM/DCOM

Choice 3 GAC (Global Assembly Cache)

Choice 4 **CLS (Common Language Specification)**

Choice 5 CTS (Common Type System)

18. **Which one of the following statements is NOT true with respect to type-safety?**

Choice 1 Type-safe code accesses types only in well-defined, allowable ways, thereby preventing overrun security breaches.

Choice 2 Type-safe code accesses only the memory locations it is authorized to access.

Choice 3 Type-safe components can execute safely in the same process even if they are trusted at different levels.

Choice 4 Type-safe code provides assurances that security restrictions on code can be reliably enforced.

Choice 5	Type-safe code can directly read values from another object's private fields or code areas.

19. **When referencing a COM object to be consumed in your .NET Windows Forms application, when is the reference to the COM object released?**

Choice 1	When the form using the referenced COM object has its visible property set to FALSE
Choice 2	When the variable referencing the run-time callable wrapper (RCW) goes out of scope
Choice 3	When the variable referencing the run-time callable wrapper (RCW) is garbage collected and destroyed
Choice 4	When the variable referencing the COM callable wrapper (CCW) goes out of scope
Choice 5	When the IIS default application pool timeout expires

20. **Which one of the following statements is true with regard to .NET attributes?**

Choice 1	When defining the AttributeUsage attribute for a custom attribute, multiple AttributeTargets can be specified.
Choice 2	Attributes can be applied to class members only, but not to classes themselves or assemblies.
Choice 3	Attributes can only be applied to assemblies, since attributes are stored as metadata in the assembly.
Choice 4	Only one Attribute can be applied to a programming element.
Choice 5	Custom attributes of a type can be retrieved directly using the Attribute.GetType() method.

21 **Sally is a managed type library developer. She wants to ensure that her library can be used by all the .NET languages.**

Given the scenario above, which one of the following rules does Sally follow?

Choice 1	Extensible Markup Language (XML)
Choice 2	Common Language Specification (CLS)
Choice 3	Just In Time (JIT)

Choice 4	Common Language Runtime (CLR)
Choice 5	Common Type System (CTS)

22 **For which one of the following .NET application types must you install the compiled executable and attach a debugger manually before being able to debug the application and place breakpoints in code?**

Choice 1	.NET Windows Application
Choice 2	ASP.NET Web Application
Choice 3	ASP.NET Mobile Web Application
Choice 4	.NET Console Application
Choice 5	.NET Windows Service Application

23 **Joe adds security features to his code by adding attributes; he does not have to write any other specific security code.**

Given the scenario above, which one of the following types of security is Joe using?

Choice 1	Windows Security
Choice 2	Role-Based Security Permissions
Choice 3	Imperative Security
Choice 4	Declarative Security

Choice 5	Identity Permissions

24 **Monique wants to create a class that has a public method that identifies the instance type of the instantiated class.**

Referring to the above scenario, what does Monique do when coding?

Choice 1	She has her class explicitly inherit from System.Object.
Choice 2	She references the System.Reflection namespace and adds an attribute specifying ObjectType.
Choice 3	She overrides the GetType() method with code to return the type of the class she is coding.
Choice 4	She does nothing; a GetType() method is implicitly inherited by all classes from System.Object.
Choice 5	She references the System.Reflection namespace in her code.

25 **Which one of the following statements is true about garbage collection?**

Choice 1	It is invoked every time a constructor is called.
Choice 2	It only occurs when the Collect method is explicitly invoked in the System.GC class.←
Choice 3	It is invoked when generation 0 does not have room for the newly created object.
Choice 4	It is invoked every 40 seconds until the process is destroyed.
Choice 5	It is invoked when the Dispose method is explicitly called.

26 **More than one application domain can run within which one of the following objects?**

Choice 1	A process
Choice 2	A thread
Choice 3	A policy
Choice 4	An assembly

Choice 5	A remote application domain

27 **Declarative security does which one of the following?**

Choice 1	It sets the permissions on any reference types that are declared.
Choice 2	It is implemented by code and does not use attributes.
Choice 3	It configures the machine's system security policy.
Choice 4	It uses attributes to place security information into the metadata of your code.
Choice 5	It sets the permissions on any value types that are declared.

28 **You are taking on a maintenance role for an existing .NET project. When you first start to inspect the source code, you notice a Interop.FinancialCalcs.dll file located in the /bin/debug/ folder of the .NET project.**

Referring to the scenario above, which one of the following statements is true about the .NET project?

Choice 1	The existence of the Interop.FinancialCalcs.dll file indicates that this project is using .NET Remoting.
Choice 2	The existence of the Interop.FinancialCalcs.dll file indicates that this project has been compiled for interoperability across all hardware platforms.
Choice 3	The existence of the Interop.FinancialCalcs.dll file indicates that a legacy COM object, named FinancialCalcs.dll, is used in the project.
Choice 4	The existence of the Interop.FinancialCalcs.dll file indicates that a .NET assembly, named

	FinancialCalcs.dll, is used in the project.
Choice 5	The existence of the Interop.FinancialCalcs.dll file indicates that a C++ library, named FinancialCalcs.dll, is referenced in the project.

29 **You have several legacy applications using older COM technology that need to interact with a new business rule library that you have created as a .NET assembly .dll, but you do not want all the public classes exposed to COM clients. You know that this can be done using .NET COM Interop functionality.**

Referring to the scenario above, which one of the following attributes do you use at the class level to hide specific .NET classes from COM based application?

Choice 1	<ClassInterfaceAttribute>
Choice 2	<GuidAttribute>
Choice 3	<ComEventInterfaceAttribute>
Choice 4	<ComImportAttribute>
Choice 5	<ComVisibleAttribute>

30 **Phil wants to select a .NET language that has source code XML documentation creation features built into the compiler.**

Given the scenario above, which one of the following .NET framework 1.1 language compilers does Phil select?

Choice 1	ilasm.exe
Choice 2	csc.exe
Choice 3	asm.exe
Choice 4	vbc.exe
Choice 5	cl.exe

31 **Maggie is using Windows security in conjunction with IIS in her ASP.NET Web application in order to control who is allowed to access her intranet site.**

In the scenario above, which one of the following functions does the Windows security with IIS provide?

Choice 1 Authorization

Choice 2 Certificate services

Choice 3 Validation

Choice 4 Authentication

Choice 5 Impersonation

32

```
CarObject obj = new CarObject();
obj.TireSize = 123;
IFormatter formatter = new BinaryFormatter();
Stream stream = new FileStream("TestFile.bin", FileMode.Create,
FileAccess.Write, FileShare.None);
formatter.Serialize(stream, obj);
stream.Close();
```

Referring to the C# code in the sample above, you receive a SerializationException. Which one of the following choices describes the cause of this exception?

Choice 1 You did not mark the CarObject class with the Serializable attribute.

Choice 2 Tiresize is a Private property and you can only serialize Public properties.

Choice 3	You cannot use a binary formatter to serialize application class instances.
Choice 4	You cannot serialize application class instances, only system class instances.
Choice 5	You must supply the desired .XSD schema when using a binary formatter.

33 **Which one of the following .NET types is a Value type?**

Choice 1	Array
Choice 2	Date Time
Choice 3	Class
Choice 4	Delegate
Choice 5	String

34 **Which one of the following statements is true about value types?**

Choice 1	They are stored on the managed heap.
Choice 2	They cannot be sealed.
Choice 3	They can never be assigned a null value.
Choice 4	They are initialized to null.
Choice 5	They are passed by reference in a method.

35 **The .NET Framework significantly reduces the chance of buffer overrun security vulnerabilities through its use of which one of the following design philosophies?**

Choice 1	Assembly Versioning
Choice 2	A Common Type System
Choice 3	Compilation to MSIL (Intermediate Language)
Choice 4	Managed Memory
Choice 5	JIT (Just In Time) Compilation

36 **You are creating an ASP.NET Web application. You want each request to impersonate a specific domain account for which you have set up SQL Server database permissions.**

Given the scenario above, which one of the following Web.Config elements is used to set up the impersonation credentials for each request to your Web site?

Choice 1	<authentication>
Choice 2	<authorization>
Choice 3	<identity>
Choice 4	<appsettings>
Choice 5	<processmodel>

37 **Attributes are processed in which one of the following ways?**

Choice 1	The class loader interprets the attribute into MSIL at load time.
Choice 2	The Assembly Linker (al.exe) generates native code from attributes in MSIL.
Choice 3	The source code compiler processes the attribute into metadata.
Choice 4	The CLR processes the attributes at install time.
Choice 5	The JIT compiler interprets the attribute into MSIL at runtime.

38 **Steve wants to view the methods available when providing COM+ services for his .NET objects.**

Given the scenario above, which one of the following namespaces does Steve view?

Choice 1	System.Messaging
Choice 2	System.Runtime
Choice 3	System.Net
Choice 4	System.EnterpriseServices
Choice 5	System.Management

39 **Which one of the following objects is a high-level abstraction of the Connection and Command objects in ADO.NET?**

Choice 1	DataView
Choice 2	DataReader
Choice 3	DataSet
Choice 4	DataTable
Choice 5	DataAdapter

40 **Joe wants to apply the Common Type System (CTS) visibility rule for a method so that it is callable only from derived types and the type to which it belongs.**

Given the above scenario, which one of the following is the correct modifier?

Choice 1	Abstract
Choice 2	Public
Choice 3	Private
Choice 4	Assembly (referred to as "internal" in many languages)
Choice 5	Family (referred to as "protected" in many languages)

1. **Which one of the following is NOT a valid ThreadState?**

A: Unstarted B: Background C: Suspended **D:Terminated** E: Running

2. **Which one of the following determines where a type is stored?**

A: All types larger than 64 bits are stored on the stack.
B: All types are stored on the stack.
C: The Common Language Runtime (CLR) determines whether a type is stored on the stack or heap based on space availability.
D: All types are stored on the heap.
E: If the type is a reference type, it is stored on the managed heap. A value type is stored on the stack.

3. **Which one of the following namespaces of the .NET Framework do you use to create metadata dynamically at runtime?**

A: System.AppDomainSetup B: System.Management
C: System.Reflection.Emit D: System.Activator
E: System.Runtime

4. Which one of the following explains how .NET Framework alleviates DLL Hell?

A: The Common Language Runtime (CLR) and Assemblies can only use the version of a component with which they were compiled.
B: The Common Language Runtime (CLR) does not allow administrators to change the version of a component that an Assembly references externally.
C: The identity and state of all managed code is maintained in the system registry at runtime.
D: The Common Language Runtime (CLR) only allows a single version of a component to be registered in the Global Assembly Cache (GAC).
E: The Common Language Runtime (CLR) and Assemblies specify and enforce versioning rules and allow side-by-side execution of a software component.

5. When is a reference type released?

A: When the developer explicitly invokes its Finalize method
B: When the developer explicitly invokes its Dispose method
C: When the reference counter reaches 0
D: When the developer explicitly sets its value to nothing and the garbage collector moves the object to generation zero

E: When the garbage collector finds that no roots reference it during a collection

6. Joan registers a strongly named assembly in the Global Assembly Cache (GAC). She does this so that a hash is performed on the assembly file containing the manifest with the public key, and she verifies it against the hash of the manifest created with the private key at build time.
Question: Given the scenario above, when is this comparison performed?
A: Each time the Common Language Runtime (CLR) loads the assembly
B: Each time a runtime host loads the Common Language Runtime (CLR)
C: When the assembly is registered with the GAC (Not sure)
D: When the sn.exe program is executed
E: When the JIT compiler in the Common Language Runtime (CLR) compiles the assembly

7. Which one of the following public methods of a delegate is new in .NET 2.0?
A: Invoke() B: BeginInvoke() C: InvokeMethod()
D: EndInvoke() **E: DynamicInvoke()**

8. Brian has a custom business object model. He needs to instantiate a strongly typed collection of one of his domain objects.
Question: In which one of the following namespaces does Brian find classes suited to the task described in the scenario above?
A: System.Collections.Specialized **B: System.Collections**
C: System.Data D: System.Collections.StrongTyping E: System.Collections.Generic

9. In order to create a custom role based security mechanism, which one of the following interfaces do you implement?
A: ISecurityToken B: IRoleProvider **C: IPrinciple**
D: IIdentity E: IUser

10. Scenario:Steve wants to create a .NET application that is accessible over HTTP, offers its payload in XML, and is accessible programmatically.
Question: Given the scenario above, what type of application does Steve create?
A: Windows console application **B: Web Service**
C: Windows Service D: Windows GUI application
E: Distributed COM

11. When enumerating over a Dictionary<T, K>, which one of the following types of objects does the enumerator return?
A: DictionaryEntry<T, K> B: IEnumerable<K>
C: KeyValuePair<T, K> D: LookupEntry<T, K>
E: You cannot enumerate a Dictionary<T, K>.

12. Which one of the following is NOT true concerning exceptions?
A: Throwing an exception is a costly operation.
B: All exceptions have an InnerException property.
C: Exceptions should be used to handle basic program flow.
D: You can obtain a stack trace from an exception.
E: All exceptions ultimately inherit from Exception.

13. Scenario: Steve wants to view the underlying object type of an integer in the .NET Framework class library.
Question: Given the scenario above, in which one of the following namespaces does Steve look?
A: System B: System.Runtime
C: System.Data D: Microsoft.Win32
E: System.Reflection

14. While the DateTime type has a variety of ways of displaying the date as a string, which one of the following is NOT a valid display option?
A: DateTime.ToDateString() B: DateTime.ToString("dddd MMMM %d yyyy")
C: DateTime.ToLongDateString() D: DateTime.ToShortDateString()
E: DateTime.ToString("D")

15. Scenario: Gail wants to compile her Visual Basic .NET source code.
Question: Given the scenario above, which one of the following command-line tools does Gail use?
A: vbnet.exe B: cl.exe
C: vbc.exe D: vb.exe
E: csc.exe

16. How do you deterministically release unmanaged resources held by a reference object?
A: Use a destructor.
B: Let the garbage collector release the resources automatically. (non deterministically)
C: Use a Finalize method.
D: Use the Release method
E: Use a Dispose method.

17. The Common Language Runtime (CLR) is very efficient for creating objects on the managed heap for which one of the following reasons?
A: It uses a pointer to the next object location that is incremented by the size of the last object.
B: It uses linked lists to manage objects.
C: It uses a First-In-First-Out (FIFO) stack of typed pointers to manage heap objects.
D: It uses a round robin queue that has three generations.
E: It uses directed graphs to manage objects consisting of only reachable objects.

18. Scenario: Linda has registered a strongly named assembly in the Global Assembly Cache with a higher version number than one that already has been registered
Question: Given the scenario above, which one of the following statements is true regarding the side-by-side execution of Linda's assembly?
A: The two assemblies can run at the same time, but only in different processes.
B: The two assemblies can run at the same time only if they are both registered against the COM+ catalog.
C: The two assemblies cannot run at the same time, but either one can run at any one time.
D: The two assemblies can run at the same time, but they must be in the same process.
E: The two assemblies can run at the same time, but they must be in the same application domain.

Scenario The .NET Framework provides infrastructure and base class libraries for programming many different types of applications. One type of application it provides for allows remote applications to easily communicate over HTTP through Port 80 on corporate firewalls, using industry standard XML.

Question Referring to the scenario above, to which one of the following .NET Framework technologies is this referring?

Choice 1	.NET Remoting
Choice 2	.NET Windows Forms Applications
Choice 3	**.NET Web Services**
Choice 4	.NET Console Applications
Choice 5	.NET Windows Services
Scenario	You are trying to deploy your .NET web application to a production server. You know that the .NET Framework is installed, but the Web site does not seem to have a reference to the .NET Framework ISAPI .dll for .aspx pages in the configuration section of the Web site.
Question	Given the scenario above, which one of the following .NET Framework tools do you use to register the Web site with the .NET Framework and make the appropriate metabase entries?
Choice 1	GacUtil.exe
Choice 2	**Aspnet_regiis.exe**
Choice 3	NGen.exe
Choice 4	Xsd.exe
Choice 5	InstallUtil.exe
Scenario	Judy wants to read a very large XML document. In order to access the data, she wants to use a fast, noncached, forward-only stream.
Question	Given the above scenario, which class from the System.Xml namespace does Judy use?
Choice 1	XmlText
Choice 2	XmlElement
Choice 3	XmlTextWriter
Choice 4	**XmlTextReader**
Choice 5	XmlDocument

Question

.NET Framework configuration files are physically stored in which one of the following formats?

Choice 1

A digitally signed XML file

Choice 2

A .INI file

Choice 3

An XML file

Choice 4

An encrypted .INI file

Choice 5

A Binary file

Scenario

Your programming requirements dictate the use of a hash algorithm and you decide to use the MD5 hash algorithm.

Question

Referring to the scenario above, the abstract MD5 hash class is a member of which one of the following namespaces?

Choice 1

System.Security.Cryptography

Choice 2

System.Xml

Choice 3

System.Text.Encoding

Choice 4

System.Security.Policy

Choice 5

System.Security.SecurityElement

Question

From which one of the following locations does the garbage collector remove objects?

Choice 1

The download cache

Choice 2

The system registry

Choice 3

The global assembly cache

Choice 4

The managed heap

Choice 5	The thread stack
Question	Which one of the following types is a value type?
Choice 1	Pointer
Choice 2	Delegate
Choice 3	Object
Choice 4	Array
Choice 5	**Int32**
Scenario	Carl has been given the task of creating a Windows desktop application with the .NET Framework.
Question	Given the scenario above, which one of the following namespaces does Carl use most frequently while developing this application?
Choice 1	System.Net
Choice 2	System.Web.UI
Choice 3	System.Web.Services
Choice 4	**System.Windows.Forms**
Choice 5	Microsoft.Win32
Question	Versions can be assigned to which one of the following .NET elements?
Choice 1	Attribute
Choice 2	Method
Choice 3	**Assembly**
Choice 4	Class

Choice 5	Type
Scenario	You are creating a .NET Windows Forms application, and you need to connect to a Microsoft Access database.
Question	Given the scenario above, which one of the following data namespaces do you use for creating your data access connection?
Choice 1	System.Data
Choice 2	System.Data.SQLClientCE
Choice 3	System.Data.OracleClient
Choice 4	System.Data.SqlClient
Choice 5	**System.Data.OleDb**
Statement	The .NET framework fully supports inheritance, polymorphism, and constructors.
Question	Referring to the statement above, the .NET framework fully supports which one of the following programming paradigms?
Choice 1	Native machine code compilation
Choice 2	Unmanaged memory
Choice 3	Single language support
Choice 4	Variant data types
Choice 5	**Object oriented programming**
Question	All .NET Framework managed code runs within which one of the following?
Choice 1	VBC.exe (VB.NET Compiler)
Choice 2	Just-In-Time Compilation (JIT)
Choice 3	Internet Explorer acting as a .NET managed code host

Choice 4	CSC.exe (C# Compiler)
Choice 5	**Common Language Run-time (CLR)**
Question	Which one of the following .NET Framework features automatically releases memory for objects that are no longer referenced or have gone out of scope, eliminating a great deal of bugs that used to arise from manual memory management?
Choice 1	Values Types
Choice 2	Common Type System (CTS)
Choice 3	Common Language Run-time (CLR)
Choice 4	**Garbage Collection (GC) Process**
Choice 5	Just-In-Time (JIT) Compilation
Scenario	Steve wants to create a .NET application that is accessible over HTTP, offers its payload in XML, and is accessible programmatically.
Question	Given the scenario above, which one of the following application types is best suited for the business logic tier residing on the application server?
Choice 1	Windows console application
Choice 2	Windows Service
Choice 3	Windows GUI application
Choice 4	**Web Service**
Choice 5	Distributed COM
Question	Which one of the following .NET Framework languages is new and provides constructs and syntax similar to Java and C++, in addition to some unique new constructs?
Choice 1	**C#**
Choice 2	VB.NET
Choice 3	Fortran .NET

Choice 4	MSIL
Choice 5	COBOL .NET
Question	Which one of the following features of the .NET Framework plays the most integral role in allowing language interoperability?
Choice 1	Managed memory
Choice 2	Support for implementation inheritance
Choice 3	Garbage Collection (GC)
Choice 4	Just-In-Time compilation (JIT)
Choice 5	**Common Type System (CTS)**
Question	By default, a dynamic assembly is created as which one of the following?
Choice 1	.com
Choice 2	.bat
Choice 3	**.dll**
Choice 4	.exe
Choice 5	.netmodule
Question	Which one of the following terms do you use to describe the fundamental unit of deployment and versioning in the .NET Framework?
Choice 1	.NET Portable Executable (PE) file
Choice 2	AppDomain
Choice 3	.DLL

Choice 4	**Assembly**
Choice 5	Managed Module
Question	.NET events actually use which one of the following underlying .NET technologies to wire the event to the event handler?
Choice 1	Pointers
Choice 2	Remoting
Choice 3	Reflection
Choice 4	Exceptions
Choice 5	**Delegates**
Question	What is the default value for a System.Int32 variable?
Choice 1	NULL
Choice 2	NOTHING
Choice 3	System.Object
Choice 4	**0**
Choice 5	-1
Statement	`ADO.NET is able to communicate across heterogeneous environments.`
Question	The benefit of the above referenced statement is a result of which one of the following?
Choice 1	The data and protocol are designed by the client and server on a case-by-case basis.
Choice 2	The data is delivered as a Network Data Representation (NDR).
Choice 3	The protocol is based on TCP sockets.

Choice 4	**The data is serialized in XML format.**
Choice 5	The protocol is COM/DCOM based.
Question	Which one of the following .NET technologies is best used to communicate or pass objects between application domains?
Choice 1	ByVal objects
Choice 2	.NET C++ code using managed extensions only
Choice 3	**.NET Remoting**
Choice 4	.NET Arrays
Choice 5	COM objects
Scenario	Randy wants to be able to assign an instance of a derived type to a variable of its parent type. He wants the derived types to have different functionality in identically named methods.
Question	Given the above scenario, of which one of the following object oriented concepts implemented in the .NET framework is this an example?
Choice 1	Encapsulation
Choice 2	Hierarchical
Choice 3	**Polymorphism**
Choice 4	Object-Oriented
Choice 5	Inheritance
Question	Which one of the following tools is used to view the metadata information contained in a .NET assembly?
Choice 1	ilasm.exe
Choice 2	**ildasm.exe**

Choice 3	al.exe
Choice 4	vbc.exe
Choice 5	csc.exe
Scenario	You are working on a routine that requires a very large number of string concatenations. You are concerned about the performance of the routine.
Question	Given the scenario above, which one of the following .NET Framework members do you use when programming your routine?
Choice 1	The language specific concatenation operator: & for VB.NET and + for C#
Choice 2	System.String.Format()
Choice 3	System.Text.Encoding
Choice 4	**System.Text.StringBuilder**
Choice 5	System.String.Concat()
Question	Which one of the following is a benefit of a reference type?
Choice 1	It does not require garbage collection.
Choice 2	**It does not make copies of itself when passed as a parameter.**
Choice 3	It takes less machine cycles to manage than a value type.
Choice 4	It is usually smaller than a value type.
Choice 5	It is never null.
Scenario	You are creating an assembly containing financial calculations that you intend to share across several projects. During deployment, you want your assembly to be installed in the Global Assembly Cache (GAC).
Question	Given the scenario above, which one of the following statements is true?
Choice 1	Your assembly must be culture-neutral.

Choice 2	Your assembly must be verifiably type-safe.
Choice 3	**Your assembly must be strongly named.**
Choice 4	Your assembly must have an explicit version number with no asterisks(*) in any component of the version number.
Choice 5	Your assembly must be given an eight-character name.
Question	Which one of the following statements is true about reference types?
Choice 1	They are stored on the stack.
Choice 2	They always pass a copy of themselves in a method.
Choice 3	They cannot be used as output parameters in a method.
Choice 4	They can never be null.
Choice 5	**They are allocated on the managed heap.**
Question	Which one of the following .NET Framework base namespaces do you use to interact with the GDI+ subsystem of the Microsoft Windows XP operating system?
Choice 1	System.XML
Choice 2	**System.Drawing**
Choice 3	System.IO
Choice 4	System.Data
Choice 5	System.Text
Question	Which one of the following is true about boxing?
Choice 1	It applies to the packaging of assemblies.
Choice 2	It applies to wrapping a COM object in a Runtime Callable Wrapper (RCW).

Choice 3	It applies to converting a reference type to a value type.
Choice 4	**It applies to converting a value type to a reference type.**
Choice 5	It applies to encapsulating fields as properties in methods.
Question	Which one of the following ADO.NET command class methods executes a query and returns the first column of the first row in the resultset returned by the query?
Choice 1	.ExecuteMessage()
Choice 2	**.ExecuteScalar()**
Choice 3	.ExecuteReader()
Choice 4	.ExecuteAssembly()
Choice 5	.ExecuteNonQuery()
Question	An assembly version number consists of how many parts?
Choice 1	1
Choice 2	2
Choice 3	3
Choice 4	**4**
Choice 5	5
Question	Which one of the following is NOT a .NET reference type?
Choice 1	Class
Choice 2	Array

Choice 3	**Structure**
Choice 4	Delegate
Choice 5	Interface
Question	The memory allocated to a reference type is always released in which one of the following ways?
Choice 1	It is released when the developer explicitly invokes its Dispose method.
Choice 2	It is destroyed when the reference counter reaches 0.
Choice 3	**It is released when the garbage collector finds that no roots reference it during a collection.**
Choice 4	It is released when the developer explicitly invokes its Finalize method.
Choice 5	It is released when the developer explicitly sets its value to nothing.
Question	Which one of the following file types contains debugging and project state information for your application and must be present in the /bin folder before you can attach a debugger to the process?
Choice 1	**.pdb**
Choice 2	.xml
Choice 3	.src
Choice 4	.dll
Choice 5	.exe
Question	Which one of the following .NET types is like a class, can contain constructors, constants, fields, methods, properties, indexers, and operators, but does NOT support inheritance and is actually a value type, not a reference type?
Choice 1	Array
Choice 2	Object

Choice 3	**Structure**
Choice 4	Delegate
Choice 5	Interface
Question	A string is which kind of object?
Choice 1	Global
Choice 2	Attribute
Choice 3	**Reference**
Choice 4	Delegate
Choice 5	Value
Question	Which one of the following statements about the .NET Framework is true?
Choice 1	When installing the .NET Framework, any prior version of the .NET Framework found is automatically upgraded to the installation version, guaranteeing backwards compatibility.
Choice 2	When installing the .NET Framework, Windows 95 computers require an account with Administrator privileges to successfully complete the Framework installation.
Choice 3	When installing the .NET Framework, the X-COPY deployment feature of .NET provides you with the ability to copy/paste the C:\WINDOWS\Microsoft.NET\Framework\ folder from one computer to the next for installation.
Choice 4	**When installing the .NET Framework, previously installed versions is left intact; the .NET Framework provides for multiple versions to be installed on the same computer.**
Choice 5	When installing the .NET Framework, only Microsoft Windows Server products allow multiple versions to be installed concurrently.
Question	Which one of the following types is a reference type?
Choice 1	enum
Choice 2	struct
Choice 3	int

Choice 4 float

Choice 5 **Array**

Steve codes in several .NET languages. He finds each suited to one type of algorithm or another. Given the scenario above, within which one of the following does Steve NOT want to use multiple languages?
Choice 1
Within a Windows GUI application

Choice 2
Within a .NET console application
Choice 3
Within different assemblies in the same application
Choice 4
Within a single ASP.NET page
Choice 5
Within an XML Web Service

Gail wants to compile her VB.NET source code.
Given the scenario above, what command line tool does Gail use?
Choice 1
csc.exe
Choice 2
vbc.exe
Choice 3
vbnet.exe
Choice 4
vb.exe
Choice 5
cl.exe

What kind of pooling offered by COM+ services was lacking in Microsoft Transaction Server?
Choice 1
Object pooling
Choice 2
Heap pooling
Choice 3
Connection pooling
Choice 4
Stack pooling
Choice 5
Transaction pooling

John is creating a distributed server object that he wants to have execute on the server host and have distributed clients access through a proxy.
Referring to the above scenario, what must John include in his code?
Choice 1
His code must reference the System.Runtime.Remote namespace from the .NET class library.
Choice 2
He must make his server object available through port 80 with HTTP protocol.
Choice 3
His server class must inherit from MarshalByRefObject.
Choice 4

His public server method must be declared static.
Choice 5
He should inherit from the base class SoapHeader.

Which one of the following is the most granular unit of isolation the Common Language Runtime (CLR) uses to isolate applications from one another?
Choice 1
Method
Choice 2
Process
Choice 3
AppDomain
Choice 4
Class
Choice 5
Assembly

Which one of the following is the term used to describe the basic unit of deployment and versioning in the .NET Framework?
Choice 1
Managed Module
Choice 2
.NET Portable Executable (PE) file
Choice 3
AppDomain
Choice 4
Assembly
Choice 5
Library

Which one of the following is NOT a member of a .NET class?
Choice 1
fields
Choice 2
events
Choice 3
methods
Choice 4
module
Choice 5
properties

The Common Language Runtime (CLR) just in time (JIT) compilers compile which item on an as needed basis?
Choice 1
Component
Choice 2
Method
Choice 3
Assembly
Choice 4
Managed Module
Choice 5
Class

What does the .NET PermView.exe utility do?
Choice 1
It persists the view of a Dataset by serializing the view to an XML stream.
Choice 2
It sets the permissions on a Dataset view object.
Choice 3
It provides an interface to the persistable dynamic assemblies stored on disk.
Choice 4
It is used to view the minimal, optional, and refused permission sets requested by an assembly.
Choice 5
It establishes a permanent view of the managed heap.

Les wants to select a family of operating systems that are shipped ready to load and run a .NET Portable Executable file.
Given the above scenario, which one of the following Microsoft operating systems (OSs) should Les select?
Choice 1
All Windows OSs in the Win .NET family and above.
Choice 2
All Windows OSs in the Win9x, WinNT, and WinXP families and above.
Choice 3
All Windows OSs in the WinXP family and above
Choice 4
All Windows OSs in the Win2K family and above
Choice 5
All Windows OSs in the WinNT, Win2K, and WinXP families and above.

What type of application do you use to create a component to be added to an ASP.NET page?
Choice 1
WebForm
Choice 2

Web Service
Choice 3
Windows Service
Choice 4
Windows Application
Choice 5
net module

Steve wants to use a .NET language that allows native code to be embedded in the .NET PE file. Given the scenario above, which .NET compiler does Steve select?
Choice 1
cl.exe
Choice 2
vbc.exe
Choice 3
ilasm.exe
Choice 4
asm.exe
Choice 5
csc.exe

Versions can be assigned to which one of the following .NET elements?
Choice 1
Class
Choice 2
Application
Choice 3
Type
Choice 4
Method
Choice 5
Assembly

Which one of the following services provides transactional programming, object pooling, and role based security?
Choice 1
COM/DCOM
Choice 2
MTS
Choice 3
CLR
Choice 4
ADO
Choice 5
COM+

Which one of the following is NOT true about application domains?
Choice 1
Application Domains are normally created by runtime hosts.-true
Choice 2
A thread can execute in different application domains of a process, but it is only in one application domain at any given time.

Choice 3
Application Domains exist with processes.
Choice 4
Application Domains do not require remoting to communicate since they exist in the same process.

Choice 5
Each application domain in a process shares the same copy of mscorlib.dll by default.

Which one of the following compares how garbage collection works in the .NET Framework between local and distributed objects?
Choice 1
They are the same. Since the referenced object exists on the same heap, the garbage collection mechanism is the same whether the object is local or distributed.
Choice 2
They are not the same.Local managed code garbage collection uses a collection mechanism when the heap does not have room for a newly created reference object. The distributed managed code garbage collection uses a lease arrangement similar to DHCP leases.
Choice 3
They are not the same. Local managed code garbage collection uses a collection mechanism when the heap does not have room for a newly created reference object. The distributed managed code garbage collection uses a reference counting mechanism.
Choice 4
The method of garbage collection is determined by the programmer at design time by inheriting from either System.GC.Deterministic or System.GC.NonDeterministic namespace.
Choice 5
They are the same. Since the reference object is managed code, the garbage collection is always deterministic and is invoked by the class destructor or Finalize() method explicitly by the programmer.

From which one of the following locations does the garbage collector remove objects?
Choice 1
The global assembly cache
Choice 2
The system registry
Choice 3

The managed heap
Choice 4
The thread stack
Choice 5
The download cache

Alice wants to write an assembly that can be used by any other developer using any .NET language.
In the scenario above what guidelines should Alice follow?
Choice 1
The Common Type System (CTS) requirements for compliance for all classes and members whether they are private, public, or inherited
Choice 2
The Common Language Specification (CLS) requirements for compliance for all classes and members whether they are private, public, or inherited.
Choice 3
The Common Type System (CTS) requirements for compliance for only classes and member that are exposed externally
Choice 4
Alice should write her assembly with a .NET compliant language that will guarantee language interoperability.
Choice 5
The Common Language Specification (CLS) requirements for compliance for only classes and members that are exposed externally

By default, a dynamic assembly is created as which one of the following?
Choice 1
.dll
Choice 2
.winexe
Choice 3
.exe
Choice 4
.netmodule
Choice 5
console app

Which one of the following .NET namespaces is the most similar to the Microsoft Foundation Classes (MFC)?
Choice 1
System.Web.Services
Choice 2
System.Windows.Forms

Choice 3
System.MFC
Choice 4
System.EnterpriseServices
Choice 5
System.Web.UI

Randy wants to use a type that can be serialized to a stream and stored in metadata so that it can deserialized at runtime.
Given the scenario above, which one of the following does Randy use?
Choice 1
Custom Attribute
Choice 2
Assembly
Choice 3
Value Type
Choice 4
Reference Type
Choice 5
Managed Module

How does .NET Framework alleviate DLL Hell?
Choice 1
The Common Language Runtime (CLR) only allows a single version of a component to be registered in the Global Assembly Cache (GAC).
Choice 2
The Common Language Runtime (CLR) and Assemblies can only use the version of a component with which they were compiled.
Choice 3
The identity and state of all managed code is maintained in the system registry at runtime.
Choice 4
The Common Language Runtime (CLR) and Assemblies specify and enforce versioning rules and allow side-by-side execution of a software component.
Choice 5
The Common Language Runtime (CLR) does not allow administrators to change the version of a component that an Assembly references externally

Steve wants to select an OS that has the .NET Common Language Runtime natively installed.
Given the scenario above, which one of the following operating systems does Steve select?
Choice 1
Windows XP
Choice 2
Windows 9x

Choice 3
Windows .NET
Choice 4
Windows 2000
Choice 5
Windows NT 4.0

Which one of the following statements is true about MSIL binary code?
Choice 1
It is only stored in assembly resource files.
Choice 2
It is only found in static assemblies.
Choice 3
It is compiled to native code by JIT compilers.
Choice 4
It is architecture specific.
Choice 5
It is source code specific.

Public methods whose names differ only by case are examples of which of the following types?
Choice 1
CLS compliant but not CTS compliant
Choice 2
CTS and CLS compliant
Choice 3
Only CLI compliant
Choice 4
Neither CTS nor CLS compliant
Choice 5
CTS compliant but not CLS compliant

When does the JIT compiler compile a method?
Choice 1
When the developer packages the application
Choice 2
When the application loads
Choice 3
When the application is installed
Choice 4
Each time it is called
Choice 5
The first time it is called

In the Virtual Execution Engine of the Common Language Runtime, which operation occurs first?
Choice 1
JIT
Choice 2
Verify
Choice 3
Exception management
Choice 4
Class Load
Choice 5
Garbage collection

John wants to install assemblies into the global assembly cache (GAC), remove them from the GAC, and list the contents of the GAC.
Given the above scenario, what .NET SDK utility should John use?
Choice 1
gacutil.exe
Choice 2
soapsuds.exe
Choice 3
reggac.exe
Choice 4
regasm.exe
Choice 5
edtgac.exe

Which one of the following statements is true regarding how the .NET Framework minimizes DLL Hell?
Choice 1
It registers all assemblies with the Global Assembly Cache (GAC).
Choice 2
It enforces that only one component of a given name can run on a machine at a time.
Choice 3
It only allows multiple versions of a given component to run on a machine at a time if they all are private assemblies.
Choice 4
It allows Side-by-Side execution on the same machine, at the same time or even the same process, of any version of the same shared DLL.
Choice 5
It registers all assemblies with the COM+ catalog.

The .NET Portable Executable (PE) file differs from the standard Windows PE file in which one of the following ways?
Choice 1
The .NET PE removes the IL code section.
Choice 2
The .NET PE removes the metadata section.
Choice 3
The .NET PE adds native code section.
Choice 4
The .NET PE adds the CLR header and the CLR data sections.
Choice 5
The .NET PE does not include the PE/COFF headers

Mary wants to create a .NET proxy component for a legacy COM component so that her .NET components can use it.
Given the scenario above, what tool does Mary use?
Choice 1
comproxy.exe
Choice 2
proxy.exe
Choice 3
al.exe
Choice 4
tlbimp.exe
Choice 5
tlbexp.exe

VB.NET
<Assembly:AssemblyCultureAttribute("de")
C#
[assembly:AssemblyCultureAttribute("de")
Given the code sample above, what type of assembly does the code create?
Choice 1
Strongly named
Choice 2
Static
Choice 3
All private assemblies
Choice 4
Dynamic
Choice 5
Satellite

The benefit of ADO.NET being able to communicate across heterogeneous environments is a result of which one of the following?
Choice 1
The data and protocol are designed by the client and server on a case by case basis.
Choice 2
The protocol is based on TCP Sockets.
Choice 3
The data is delivered Network Data Representation (NDR).
Choice 4
The protocol is COM/DCOM based.
Choice 5
The data is delivered in XML format.

1.Jill wants to generate a public/private key pair for use in creating a shared assembly.

Given the above scenario, which one of the following .NET SDK utilities does Jill use?

resgen.exe

certmgr.exe

secutil.exe

sn.exe

gacutil.exe

2. The .NET Framework provides infrastructure and base class libraries for programming many different types of applications. One type of application it provides for allows remote applications to easily communicate over HTTP through Port 80 on corporate firewalls, using industry standard XML.

Referring to the scenario above, to which one of the following .NET Framework technologies is this referring?

.NET Web Services

.NET Console Applications

.NET Windows Services

.NET Windows Forms Applications

3. Karin wants to deploy a .NET application in such a manner that its assemblies are NOT made available to other .NET applications through the Global Assembly Cache (GAC).

In the above scenario, which one of the following assembly types does Karin deploy?

A dynamic assembly

A public assembly

A private assembly

A global assembly

4. Which one of the following statements is true with regard to releasing memory from objects that are no longer used or have gone out of scope?

The .NET Framework releases the memory used by managed objects through a Just-In-Time(JIT) compilation process.

The memory used by managed objects is released when the reference count reaches -1.

The .NET Framework releases the memory used by managed objects through a Garbage Collection (GC) process.

The memory used by managed objects is released when the reference count reaches 0.

5. You are creating a .NET Windows Forms application, and you need to connect to a Microsoft Access database.

Given the scenario above, which one of the following data namespaces do you use for creating your data access connection?

System.Data.OleDb

System.Data.OracleClient

System.Data.SQLClientCE

System.Data.SqlClient

System.Data

The <authorization> and <authentication> elements for a Web site are stored within which one of the following Web.Config elements?

Choice 1

<system.web>

Choice 2

<compilation>

Choice 3

<globalization>

Choice 4

<appsettings>

Choice 5

<trace>

Mindy wants to use a .NET language that does NOT compile managed code by default.

Given the scenario above, which one of the following languages does Mindy use?

Choice 1

J#(answer)

Choice 2

C#

Choice 3

Visual Basic .NET

Choice 4

Visual C++ with managed extensions

Choice 5

JScript .NET

Sample Code

```
public class Invoice : InvoiceBase, IData
{
}
```

Referring to the C# class definition in the sample above, which one of the following statements is true about this class inheritance hierarchy?

Choice 1

The Invoice class implements multiple inheritance by inheriting from the InvoiceBase class and the IData interface.mc

Choice 2

The Invoice class inherits from the InvoiceBase class and implements the IData interface.

Choice 3

The Invoice class is a super-class to the InvoiceBase class and IData interface.

Choice 4

The InvoiceBase class inherits from the Invoice class and the IData interface inherits from the InvoiceBase class.

Choice 5

The Invoice class is a partial class, along with the InvoiceBase class.

Which one of the following statements must be true for the Common Language Runtime to be able to completely isolate assemblies from each other?

Choice 1

All source code must be written in C# or VB.NET.

Choice 2

All MSIL code must have been run through an obfuscator.

Choice 3

All code must be written in the same .NET language.

Choice 4

All code must include XML comments on each public class member.

Choice 5

All code must be type-safe.

Which one of the following is the most granular unit that the Common Language Runtime (CLR) uses to isolate applications from one another, preventing code from one application accessing code in another application for security purposes?

Choice 1

Assembly

Choice 2

Thread

Choice 3

AppDomain

Choice 4

Process

Choice 5

Global Assembly Cache (GAC)

Scenario

John has created a database connection inside one of his managed code objects. He wants to ensure that assemblies calling his managed object have the ability to release this unmanaged resource as soon as possible.

Referring to the scenario above, what is the best way for John to accomplish this while minimizing the amount of time that John's managed code object has the database connection referenced?

Choice 1

Let automatic garbage collection clean up the unmanaged resource.

Choice 2

Create a finalize method and let the garbage collector execute it at collection time.

Choice 3

Unload the application domain that contains the resource.

Choice 4

Create a Dispose method and call it explicitly when he wants to release the resource.

Choice 5

Call the System.GC.Collect method.

Sample Web.Config

```
configSections>
  <sectionGroup name="system.web">
    <section name="myConfig" type="MyConfig.MyConfigSectionHandler,MyConfig" />
  </sectionGroup>
```

</configSections>

Referring to the portion of the sample Web.Config file above, to which one of the following does the type="MyConfig.MyConfigSectionHandler,MyConfig" line refer?

Choice 1

It specifies that the MyConfig.MyConfigSectionHandler class in the MyConfig assembly should be used to parse this custom section, and as such, it must implement the IConfigurationSectionHandler interface.

/* here the section type is of the form namespace.classname , assemblyname. Since the class is resided in a separate assembly. If the handler class appears in the app_code then the type value takes up the class name*/

Choice 2

It specifies that the MyConfig class in the MyConfigSectionHandler assembly should be used to parse this custom section, and as such, it must implement the IConfigurationSectionHandler interface.

Choice 3

This line specifies that the MyConfig.MyConfigSectionHandler assembly should be used to parse this custom section, and as such must implement the IConfigurationSectionHandler interface.

Choice 4

It specifies that the MyConfig.MyConfigSectionHandler class in the MyConfig assembly must be installed in the GAC (Global Assembly Cache).

Choice 5

It specifies that this custom section is named MyConfig.MyConfigSectionHandler.

The .NET implementation of Delegates uses which one of the following sets of information as the Delegate signature?

Choice 1

Method name only

Choice 2

Method input parameters and name only

Choice 3

Method input parameters and return type only

Choice 4

Method input parameters only

Choice 5

Method return type only

Scenario

You are creating a .NET Windows Forms application named MyGreatApp.exe that uses an application configuration file for startup information.

Referring to the scenario above, what must your application configuration file be named once you have compiled and deployed your application?

Choice 1

MyGreatApp.config

Choice 2

MyGreatApp.xml

Choice 3

App.xml

Choice 4

App.Config

Choice 5

MyGreatApp.exe.config

Value types always have which one of the following modifiers?

Choice 1

Abstract

Choice 2

InitOnly

Choice 3

Sealed

Choice 4

Virtual

Choice 5

Static

Sample Code

```
CompareOp localCompareOp = new CompareOp(Currency.RhsIsGreater);
Sorter.Sort(numbers, localCompareOp);
```

Referring to the sample code above, assume CompareOp is a delegate. Looking specifically at the second line of code, the delegate is being used to implement which one of the following types of programming constructs?

Choice 1

Multi-cast delegate

Choice 2

Asynchronous delegate

Choice 3

Local delegate

Choice 4

Callback function

Choice 5

EventHandler

Bill owns a large software company. He is releasing a service pack containing an assembly that fixes some bugs and is intended to be backward compatible with the previous version of the assembly.

Given the scenario above, what does Bill ship with his new assembly?

Choice 1

An XML application configuration file

Choice 2

An XML machine configuration file

Choice 3

A publisher policy file

Choice 4

A new version of the calling assemblies that are compiled with references to the new assembly

Choice 5

A readme.txt document

The application domain that an ASP.NET application runs under uses which one of the following trust levels by default?

Choice 1

Full

Choice 2

High

Choice 3

Medium

Choice 4

Low

Choice 5

Minimal

Which one of the following .NET keywords or operators triggers the C# or VB.NET compiler to generate two methods in the background that are used to manage the underlying delegate?

Choice 1

+= operator

Choice 2

EventArgs keyword

Choice 3

EventHandler keyword

Choice 4

Event keyword

Choice 5

-= operator

Scenario

Linda has registered a strongly named assembly in the Global Assembly Cache with a higher version number than one that already has been registered.

Given the scenario above, which one of the following statements is true regarding the side-by-side execution of her assembly?

Choice 1

The two assemblies can run at the same time and in the same process.

Choice 2

The two assemblies cannot run at the same time, but either one can run at any one time.

Choice 3

The two assemblies can run at the same time, but only in different processes.

Choice 4

The two assemblies can run at the same time only if they are both registered against the COM+ catalog.

Choice 5

The two assemblies can run at the same time, but they must be in the same process.

Which one of the following .NET Framework namespaces do you use to implement the run-time and design-time behavior of controls such as user controls derived from System.Windows.Forms.UserControl?

Choice 1

System.EnterpriseServices

Choice 2

System.Web.UI

Choice 3

System.Web

Choice 4

System.Windows

Choice 5

System.ComponentModel

Scenario

You are writing an application that is initially designed to use an Oracle database. You know that there is a good chance that your company will be changing their corporate standard database platform to Microsoft SQL Server in the near future. You are concerned that your application needs to function with a minimum of changes if the database platform ever changes from Oracle to SQL Server.

Given the scenario above, how do you declare your DataReader objects to minimize the impact of a change to the database platform in the future?

Choice 1

```
'VB.NET
Dim myReader As IDataReader = myCommand.ExecuteReader()
'C#
IDataReader myReader = myCommand.ExecuteReader();
```

Choice 2

'VB.NET
Dim myReader As OleDbDataReader = myCommand.ExecuteReader()
'C#
OleDbDataReader myReader = myCommand.ExecuteReader();

Choice 3

'VB.NET
Dim myReader As SQLDataReader = myCommand.ExecuteReader()
'C#
SQLDataReader myReader = myCommand.ExecuteReader();

Choice 4

'VB.NET
Dim myReader As OracleDataReader = myCommand.ExecuteReader()
'C#
OracleDataReader myReader = myCommand.ExecuteReader();

Choice 5

'VB.NET
Dim myReader As OdbcDataReader = myCommand.ExecuteReader()
'C#
OdbcDataReader myReader = myCommand.ExecuteReader();

Sally is a managed type library developer. She wants to ensure that her library can be used by all the .NET languages.

Given the scenario above, which one of the following rules does Sally follow?

Choice 1

Just In Time (JIT)

Choice 2

Common Type System (CTS)

Choice 3

Common Language Runtime (CLR)

Choice 4

Extensible Markup Language (XML)

Choice 5

Common Language Specification (CLS)

Scenario

You are creating an ASP.NET application. You decide to use RegEx string matching objects to help protect against Cross Site Scripting attacks.

Given the scenario above, this is an example of which one of the following security areas that should be considered when creating an ASP.NET application?

Choice 1

Securing database connection credentials

Choice 2

Code access security

Choice 3

Securing state data

Choice 4

Securing user input

Choice 5

Securing exception handling

Scenario

Linda is connecting and disconnecting ADO.NET connections with each of the many queries in her application. Linda is using Microsoft SQL Server 2005 as her database server.

Given the scenario above, which one of the following describes the effect of Linda's approach?

Choice 1

This has a negative effect on performance and positive effects on scalability because the cost of building and tearing down connections is too high, and generally making and breaking connections is more scalable than holding them.

Choice 2

This has a positive effect on performance and a negative effect on scalability because the cost of making and breaking connections is mitigated by ADO.NET connection pooling and generally making and breaking connections is less scalable than holding them.

Choice 3

Since the ADO.NET connection is a managed heap reference object, even though Linda tears down her connections, the connections are not released until Linda calls Dispose() or until automatic garbage collection occurs.

Choice 4

This has a neutral effect on performance and a positive effect on scalability because the cost of the ADO.NET connections is mitigated by ADO.NET connection pooling and generally making and breaking connections is more scalable than holding them.

Choice 5

This has a negative effect on performance and scalability because the cost of building and tearing down connections is too high for a single query, and holding connections is generally more scalable than releasing them.

JASBIR

1)natasha is trying to access a page but she is not able to do it.

on the other hand when john logged in via his credentials he could .what may be the reason?

a)webserver credential overriding

b)role based access------- ANS

c)url cutomization

d)account rendering

2) LINQ stands for

ans) Language integrated query

3)if foreign key coloumns are not available in the model , the relationship are reffered with the object references instead of

foreign key properties .what is the association called??

a)independent association --------ans

b)dependent association

c)relationship

d)entityrelationship

4)which all index options can be set without rebuilding the index?

a)allow_page_locks----------ans

b)allow_row_locks----------ans

c)ignore_dup_keys----------ans

d)data_compression

e)statistics_norecompute----------ans

5)a query is an expression that retrieves data from a data source?

true ----------ans

false

6)for any injection ,we use

a)[inject]

b)none ----------ANS

c) [injection creato]

d) [inject initialze]

7)which of the following is not a HtmlHelper?

a)LabelFor

b)EditorFor

c)ValidationMessageFor

d)None of the listed options----------ans

8)how can we disable proxy object creation in POCO?

A) CONTEXT.CONTEXTOPTIONS.ENABLED = FALSE;

B)CONTEXT.CONTEXTOPTIONS.PROXY=FALSE;

A) CONTEXT.CONTEXTOPTIONS.PROXYENABLED = FALSE;

B)CONTEXT.CONTEXTOPTIONS.PROXYCREATIONENABLED = FALSE;----------ANS

9)SaveChanges() will be raised exception when which of the following object is added to the

objectcontext and it cannot be successfully created in the data source?

a)DbException

b)Savexception

c)ChangeException

d)UpdateException----------ans

10)Activator class cannot be inherited?

true--------answer

false

11)which of the following class object is used for manipulatiing entity and trigger the changes while insert

,delete and update on the entity?

a) DbContext

b) DataContext

c)MOdel-defined Functions

d) None----------doubt

12)_____is an xml-based language which describes the entities, functions and relationships which create a conceptual model of an application?

a) conceptual schema definition language----------ans

13)Which of the following mapping is supported by Fluent Api?

a) Model-wide mapping

b)entity mapping

c) property mapping

d) all ----------answer

14)what are the significance of recovery model setting??

a)it determines how much data can be recovered in the event of a media failure----------ans

b) it determines the location where the data should be recovered in the event of a media failure

c)the default recovery is full , which provieds the greatest level of recovery----------ans

d) the default is partial which provides the greatest level of recovery

15)Which statements are true about rank function?

a)it returns the rank of each row in the table within the partition of a database----------ans

b) the rank of a row is equal to the number of ranks that comes before the row in question

c) the rank of a row is one plus the number of ranks that comes before the row in question------ans

d)the rank function returns consecutive integers

e) the rank function does not always return consecutive integers----------ans

18)which of the following should you to choose to activate buildview property in asp.net?

ans) <MvcBuildViews>true</MvcBuildViews>

19)which of the foolowing is the full for for ssdl

ans)Storage Schema Definition Language

20)dependencyresolver() is destructor?

ans)false

21)how is the data of partition tables managed?

(a)The data of aprtioned tables and indexes is divided into units .....ans

(b) the data is partitioned horizontally,.....ans

(d) The table or index is treated as single logical entity.---ans

25)which statements are true about large clr user defined types?

(a) Extend exisiting SQL Server Type Sysytem.----------ans

(c)Allow you to store CLR objects in SQL Server Database.----------ans

26)how can we delete the database on the database server if it exists?

ans)Delete(DbConnection)

28)which one of the following are the properties of the HTTPcONFIGURATION CLASS?

a) Dependency Resolver--ans

(c) Mesaage Handlers--ans

29)choose handle error attribute globaly

(b) All of the listed options-ans

30)DbContext does not support comiled queries?

true----------ans

31)How can we set primary key explicitly for an entity?

a.ModelBuilder.CreateKey<Entity>(t=>t.KeyColumnYouWant);

b.ModelBuilder.Entity<Entity>().HasKey(t=>t.KeyColumnyouWant);-----ans

c.ModelBuilder.Key<Entity>(t=>t.KeyColumnYouWant);

d.None of the listed options.--

32)In Lazy loading,the navigation property has to be declared as:

a.static

b.public----------Ans

c.proxy

d.virtual----------Ans

33)Which statements are true about CLR stored procedures?

a.It is a reference to a Microsoft.NET Framework common language runtime(CLR)method.----------Ans

b.The method can take and return user-supplied parameters.----------Ans

c.The method can only take input parameters.

d.They are implemented as public,static methods on a class in a .NET Framework assembly.----------Ans

e.They are implemented as private,protected methods on a .NET Framework assembly.

34)What are the benefits of using a Unique index?

a.It is less error prone.

b.Data integrity of the defined columns is ensured.----------Ans

c.Additional information helpful to the query optimizer is provided.----------Ans

d.The performance is not degraded.

35)SQL Server consists of which of the following three types of files?

a.Primary data files----------Ans

b.Secondary data files----------Ans

c.Hidden files

d.Log files----------Ans

36)Which of the following is not the Design goal of ASP.NET MVC3?

i.Embrace the Web

ii.Testable

a.ii only----------Ans

b.Both i and ii

c.None of the listed options

d.i only

37)What are the limitations of Ownership chaining?

a.Applies only to DML statements:SELECT,INSERT,UPDATE and DELETE.----------Ans

b.The owners of the caliing and the called objects must be the same.----------Ans

c.The owners of the calling and the called objects must be different.

d.Does not apply to dynamic queries inside the module.----------Ans

38)What does the following syntax do?

CREATE TABLE T1(Col1 int primary key,Col2 xml)

a.It creates a row in a table.

b.It creates a column of type int in the table & sets it as a primary key.----------Ans

c.It creates a column of type xml.----------Ans

d.It creates an empty table.

39)Partial page rendering does which of the following?

a.Removes the need for the whole page to be refreshed as the result of a HTTPGet.

b.Removes the need for the whole page to be refreshed as the result of a postback.----------Ans

c.Only header of the page that have changed are updated.

d.Only individual regions of the page that have changed are updated.----------Ans

40)How are user defined functions different from User-defined Stored Procedures?

a.In user-defined function the default parameter is specified with a DEFAULT keyword.----------ans

b.In User-defined function omitting the parameter also implies default value.

c.User-defined functions do not support output parameters.----------Ans

d.User-defined functions do support output parameters.

41)Which of the following is used to provide short expression for querying entities over linq?

a.LINQ to DataSet.

b.LINQ to SQL.

c.Lambda expression.--------ans

d.None of the listed options.

42)Which of the following approach do we avoid working with the visual designer or entity framework?

a.Code First Approach.----------a

b.Model First Approach.

c.Database Approach.

d.None of the listed options.

43)Novak is a given a task by his manager to strictly load a particular image only after page gets loaded.What will you advice him to do?

i.Tell him to use JavaScript.

ii.Tell him to combine OnLoad function with JavaScript.

iii.Tell him to use AfterLoad function with JavaScript.

a.i and ii----------ans

b.ii and iii

c.i and iii

d.i,ii,iii

44)In console window,PM stands for _____

a.Project Manager.

b.Package Manager.----------Ans

c.Package Model.

d.Priority Manager.

45)Which statements are true about the GROUPING function?

a.It is an aggregate function that causes an additional column to be used with a value of 1 when the row is added by either the CUBE or ROLLUP operator.--------ANS

b.It is an aggregate function that causes an additional column to be used with a value of 0(True) when the row is added by either the CUBE or ROLLUP operator.

c.It is an aggregate function that causes an additional column to be used with a value of 0 when the row is not the result of CUBE or ROLLUP operator.-------ANS

d.It is an aggregate function that causes an additional column to be used with value equal to the number of rows added by either the CUBE or ROLLUP operator.

e.Grouping is allowed only in the select list associated with a GROUP BY clause that contains either the CUBE or RoLLUP operator. ------ANS

46.by default, the entry framework will generate the database

queries and update commands when your code interacts with the model?

Ans:True

47.entity is defined as _____ of the object, but not the behavior of the object?(QUES NOT CLEAR)

a.Object

b.Schema----------ANS

c.Entity

d.None

48.Entity framework is an open source framework? True or false

Ans:True

49.What kind of data does the XML datatypes store in SQL server? (Multiple ans)

a.Office documents

b.Memory maps

c.XML documents---->ans

ssd.Fragments--->ans

50.What does a cache profile do?

i.Cache profile allows libraries to provide fast output to sql queries

ii.Cache profile avoids repetition in cache attributes

select one:

a.Both i and ii

b.i only

c.ii only -----ANS

d. None of the listed options

51.In an application page, you are suppose to take students % between 40-80.

which of the following will accomplish this objective?

select one

a.[Range (40,80)]

public virtual int Perc{get;set;}----ans

b.[between (40;80)]

public virtual int Perc{get;set;}

c.[Range (40,80)]

public virtual string Perc{get;set;}

d.[Range (40||80)]

public virtual int Perc{get;set;}

52.Fredrick is carrying out a TDD and is expecting ArgumentOutOfRange exception but he does not known how to write a code to declare that an exception is expected.

To help him, which of the following would you choose?

select one;

a.[Exception.Expected=ArgumentOutOfRange]

b.[ArgumentOutOfRangeException.Expected]

c.[ExpectedException(typeof(ArgumentOutOfRange))]----->ans

d.[ArgumentOutOfRange.Expected=True]

53.How are Database-level principles categorized?(Multiple ans)

a.database administrator

b.database user-->ans

c.database role-->ans

d.windows role

e.Application role-->ans

54.In caching,by default the location property have the value___

a.All

b.Any--->ans

c.None

d.Auto

55.Which of the following is a way to install/download a Nuget in your system?

a.In your browser go to nuget.org-->click on download

b.In a visual studio, right click on references-->Add LibraryPackageReferences-->search nuget-->Install

c.All of the listed options------ans

d.In visual studio, go to tools-->Extension manager-->search Nuget-->Install

56.what is meant by Materialization in entity framwork?

Ans:Materialzation is the process of returning query results back to the

client as CLR types

57.Entity framework support foreign key? t or f

Ans: True

58.If your are moving your project from MVC2 to MVC3 what will be the

value of "UnobtrusiveJavaScriptEnabled"

a.True

b.None

c.False--->ans

d.Auto

59.We can write raw sql query in SQLQuery() method in entity framework? T or F

Ans:true

60.Which namespace is used to handle EntityClient provider?

a. System.Data.EntityClient--->ans

b.System.Transactions

c.system.data.annotations

d.None of the listed options

****

1. Which of the following require type-casting in the view?

I.ViewData

II.TempData

Select one:

a.I only

b.II only

c.Both I and II----------ANS

d.None of the listed options

2. Which of the following snippet creates database in local sql express by default?

I.public class Context:DbContext

{

public Context():base()

{

}

}

II.public class Context:DbContext

{

  public Context():base("DB Name")

{

}

}

Select one:

ans:2&3

3. How is a User-defined table-valued function in SELECT,INSERT,UPDATE or DELETE statements is invoked?

Select one:

a.A User-defined table-valued function can be invoked in the FROm clause of a SELECT,INSERT,UPDATE & DELETE statement----------ANS

b.A User-defined table-valued function can be invoked as a stored procedure from a clause of a SELECT,INSERT,UPDATE & DELETE statement

c.A User-defined table-valued function can be invoked in the WHERE clause of a SELECT,INSERT,UPDATE & DELETE statement

d.A User-defined table-valued function can be invoked in the USING clause of a SELECT,INSERT,UPDATE & DELETE statement

4. You are given a task by your manager that includes assembly binding.Which file would you configure?

Select one:

a.System.config

b.Web.config

c.Machine.config----------ANS

d.Config.config

5. Which are the different types of file groups?

Select one or more:

a.Secondary

b.Primary----------ANS

c.User-defined----------ANS

d.Hidden

6. Model Binder Interface defines

select one

a. the .dll files that are requested for a model binder

b.the interfacae that are required for a model binder

c. the assembly that are required fro a model binder

d.the methods that are required for a model binder----------ans

7. Which statements are true about the maax constant in a varchar type?

a. It can be used when the data can exceed more than 8000 charcters----------ans

b. It can be used to fix the max length of charcters for the entire column----------ans

c. It can be used to store large blocks of text----------ans

d. It can be used to store large image types.

8. _____ is an XML based language which describes the entities , functions and relationships which create a conceptual model of a application.

select one

a. Conceptual schema definition langauage (CSDL)----------ans

b.Conceptual set definition Languaage(CSDL)

c.Conceptual select definition Language(CSDL)

d.None

9. Which of the following statements are true about AFTER trigger?

select one

a.AFTER trigger executes after the sattements that triggered it completes----------ans

b.AFTER trigger executes after the last trigger in the queue.

c.If the statement fails with an error the trigger is not executed.----------ans

d. AFTER triggers cannot be specified for tables , they can only be specified fro views.

e.AFTER triggers cannot be specified for views, they can only be specified for tables.----------ans

10. Which of teh following methods make entity framework fro detecting changes automatically?

selct one

a.DBSet.FInd

b.DBSet .Remove

C.DBSEt.Attach

d.all----------ans

11) Which one in the following is not included in the configuration hierarchy?

ASP.NET Application sub directory

ASP.NET root directory

root web

IIS

ASP.NET client server sub directory----------ANS

12) Unchanged State is the default state for an entity while the entity is retrieved from the database.

TRUE----------ANs

FALSE

13) Which of the following are database initializers used in Entity Framework

CreateDatabaseIfNotExist----------ANS

DropCreateDatabaseIfModelChanges-------ANS

DropDatabaseAlways

DropCreateDatabaseAlways----------ANS

CreateDatabaseAlways

14) public void testdate()

{

```
distance z = new Distance();

var message = new Sample(z);


Assert.areequal(distance,message,z);
```

} - analyse the code and identify why it will not work

15) When a LINQ to Entities is Executed

some expression in the query might be executed on the server and some parts might be executed locally on the

client. Client-side evaluation of an expression takesplace before the query is executed on the server----------ANS

some expression in the query might be executed on the server and some parts might be executed locally on the

server. Client-side evaluation of an expression takesplace before the query is executed on the server

some expression in the query might be executed on the server and some parts might be executed locally on the

client. server-side evaluation of an expression takesplace before the query is executed on the server

None of the options

16) which of the following statements are true about varchar data type?

varchar can hold alphanumeric data----------ANS

the storage size of varchar datatype is fixed

each row can hold different number of characters up to the max length defined-----ANs

each row can hold fixed number of characters as defined by max length

17) What is meant by materialization in entity framework?

Materialization is the process of returning query results back to the client as entity types

Materialization is the process of returning query results back to the client as CLR types----------ANS

Materialization is the process of returning query back to the client as CLR types

None of the options

18) Partial page rendering does which of the following

removes the need for the whole page to be refreshed as the result of a HTTPGet

only individual regions of the page that have changed are updated----------ANS

only header of the page that have changed are updated

Removes the need for the whole page to be refershed as the result of a postback-----ANs

19) Correct syntax for ActionLink with following argument AjaxHelper, String, String, AjaxOptions is a.

public static MvcHtmlString ActionLink(

this AjaxHelper ajaxHelper,

string linkText,

string modelName,

AjaxOptions ajaxOptions)

b.

public static MvcHtmlString ActionLink(

this AjaxHelper ajaxHelper,

string linkText,

string actionName,

AjaxOptions ajaxOptions;

)

c.----------ANS

public static MvcHtmlString ActionLink(

this AjaxHelper ajaxHelper,

string linkText,

string actionName,

AjaxOptions ajaxOptions)

20) Which of the following will render carinfo object stored in viewbag to a view

Select one:

a.

car information: @View.carinfo

b.

car information: @ViewBag{carinfo}

c.

car information: @ViewBag.display(carinfo)

d.---------- ANS

car information: @ViewBag.carinfo

21) Which of the following option is correct about Navigation Property

Navigation properties provide a way to navigate an assiciation between two entity types

Every object can have navigation property for every relationship in which it participates

Navigation properties allow you to navigate and manage relationship in both directions, returning either a reference object or a collection

All of the options----------ANS

22) IObjectContextAdapter Interface is used to:

get the reference of ObjectContext from object

get the reference of ObjectContext from entity

get the reference of ObjectContext from DBModel

get the reference of ObjectContext from DBContext----------ANS

23) which exception will raise when you define an entity data model that uses stored procedures to make updates to the data source

OptimisticException

ConcurrencyException

OptimisticConcurrencyException----------ANS(Doubt)

None of the options

24) analyse the link:- "http://localhost/music/". Choose the option which is correct for it

I. Not running under cassini

II. running under IIS

I only

II only----------ANS

both I and II

none of the options

25) Which of the following model is used to defined application specific object

Entity Data Model----------ANS

SqlDataModel

ObjectModel

None of the Options

26. What are the different classes into which the SQL server divides principles?

select one or more

a. windows-level principle----------ANS

b. field-level principle

c. database-level principle----------ANS

d. SQL Server- level principle----------ANS

27. LINQ stands for

select one

a. Line Integrated Query

b. Line Integrated New Query

c. Language Integrated New Query

d. Language Integrated Query----------
ANS

28. How can the execution plan of queries on partitioned tables and indexes be examined?

Select one or more

a. By using the Transact –SQL SET SHOWPLAN_XML----------
----------ANS

b. By using the Transact –SQL SET STATISTICS_XML----------
----------ANS

c. By using the Transact –SQL SET PARTITION_XML

d. By using the Transact –SQL SET INDEX_XML

29. You are given a task to make the current form secure such that it can be prevented csrf. Which of the following will be helpful?

Select One

a. <% using (Html.BeginForm()) {%><%= Html.AntiXssLibrary()%}

b. <% using (Html.BeginForm()) {%><%= Html.AntiForgaryToken()%}----------
----------ANS

c. <% using (Html.BeginForm()) {%><%= Html.AntiCSRFToken()%}

d. <% using (Html.BeginForm()) {%><%= Html.AntiCSRFLibrary()%}

30. Which of the following is true in doing DB initialization in config file?

Select one (both a and c are same check once again)

a. <?xml version=”1.0” encoding=”utf-8”?><configuration><appSettings><add key=”DatabaseInitializerFrTypeBlogDataLayer.BlogDBContext, BlogDataLayer”/></ appSettings></configuration>

b. <?xml version=”1.0” encoding=”utf-8”?><configuration><appSettings><add key=”DatabaseInitializerFrTypeBlogDataLayer.BlogDBContext, BlogDataLayer”

value=”System.Data.Entity.DropCreateDatabaseAlways`1[[BlogDataLayer.BlogDBContext, BlogDataLayer]], EntityFramework”/></ appSettings></configuration>----------
----------ANS

c. <?xml version=”1.0” encoding=”utf-8”?><configuration><appSettings><add key=”DatabaseInitializerFrTypeBlogDataLayer.BlogDBContext, BlogDataLayer”/></ appSettings></configuration>

d. <?xml version=”1.0” encoding=”utf-8”?><configuration><appSettings><add key=”DatabaseInitializerFrTypeBlogDataLayer.BlogDBContext, BlogDataLayer”, value=”Create Database”/></ appSettings></configuration>

31. Which of the following statements are true.

I. The CompiledQuery class provides compilation and caching of queries for reuse.

II. Execute method is to create a new delegate to represent the compiled query.

III. Once the query is compiled you can only supply parameters of primitive type but you cannot replace parts of the query that would change the generated SQL

Select one

a. I and II

b. II and III

c. I and III----------ANS

d. I, II and III

32. What do you understand by XSS attack?

Select One

a. Injection of malicious script----------ANS

b. Injection of class definition

c. Hacking via Browser

d. Hacking through cookies

33. What are the benefits of using Unique index?

Select one or more

a. It is less error prone

b. Data integrity of the defined column is ensured----------ANS

c. Additional information helpful to the query optimizer is provided----------ANS

d. The performance is not degraded----------ANS

[(https://msdn.microsoft.com/en-in/library/ms187019.aspx

Benefits of a Unique Index

Multicolumn unique indexes guarantee that each combination of values in the index key is unique. For example, if a unique index is created on a combination of LastName, FirstName, and MiddleName columns, no two rows in the table could have the same combination of values for these columns.

Provided that the data in each column is unique, you can create both a unique clustered index and multiple unique nonclustered indexes on the same table.

Unique indexes ensure the data integrity of the defined columns.

Unique indexes provide additional information helpful to the query optimizer that can produce more efficient execution plans.)]

34. Which action result type will return a temporary redirect (HTTP 302 status code) or a permanent redirect (HTTP 301 status code) depending on the Boolean parameter?

Select one

a. HttpNotFoundResult

b. RedirectResult----------ANS(https://www.asp.net/mvc/mvc3)

c. HttpStatusCodeResult

d. HttpRedirectResult

35. You are handling a page of event. Now the content and information you have cached so that it is loading quickly but

you need to keep a clock which shows time for the event dynamic. Which of the following will be helpful?

a. <%DateTime(t.now);%>

b. <%Response.WriteSubstitution(t=>DateTime.Now.ToLongTimeString())%>----------
----------ANS

c. <% var c = dynamic.DateTime() %>

d. <%session s= new session[“Time”];%>

36. What is entity Key?

Select One

a. An entity key is a property or a set of properties of an entity type that are used to determine identity----------ANS

b. An entity key is a property or a set of properties of an entity type that are used to determine the column for searching index

c. An entity key is a property or a set of properties of an entity type that are used to identity relationship among the entities.

d. All of the listed

37. Problem Statement- Peter is a web developer and has created a website in ASP.NET MVC3 using razor view. People were giving feedback on his site without going through products detail page. They were navigating to the feedback page by editing the URL.

Now as a friend, suggest him to use “ChildAction” through “@HtmlAction”.

Which of the following would he choose?

Select one

a. The solution given by Brock is legitimate

b. Peter should use “@Html.GoThrough” in place of “@HtmelAction”

c. Peter should user “ChildActionOnly” in place of “ChildAction”----------ANS

d. Such problem can’t exist

51) Identify the different types of stored procedures.

a.User-defined stored procedures-Transact SQL & CLR.----------Ans

b.Compiled Stored Procedures.----------Ans

c.Extended Stored Procedures.

d.System Stored Procedures.----------Ans

52) Which method converts string to HTML Encoded string?

a.HtmlUtility.HttpCode.

b.HtmlUtility.XmEncode.

c.HttpUtility.HtmlEncode.----------Ans

d.HttpUtility.HtmlCode.

53) Machine.config,contains settings that apply to an entire Network.State true or False.

a.True.

b.False.----------Ans

54) The ObjectContext class is not thread-safe.State True or False.

a.True.----------Ans

b.False.

55) Which of the package can be used to write an implementation for ASP.NET Identity that targets different persistence stores such as Azure Table Storage,NoSQL databases etc.?

a.Microsoft.AspNet.Identity.Core.----------Ans

b.Microsoft.AspNet.Identity.EntityFramework.

c.Microsoft.AspNet.Identity.OWIN

d.Microsoft.ASPNET.Security;

56) Which of the following is a way to install/download a Nuget in your system?

a.In your browser go to nuget.org->click on Download

b.In visual studio,go to tools->Extension Manager->search Nuget->Install

c.All of the listed options----------Ans

d.In a visual studio,right click on references->Add LibraryPackageReferences->search Nuget->Install

57) public class DependencyResolver-is the syntax for Dependency resolver class.State True or False.

a.True----------Ans

b.False

58) Which of the following code snippets is correct for an entity Post having relationship with Blog?

a.modelBuilder.Entity<Post>().HasRequired(p=>p.Blog)----------Ans

b.modelBuilder.Entity<Post>().NeedRelationship(p=>p.Blog)

c.modelBuilder.Entity<Post>().Required(p=>p.Blog)

d.None of the listed options.

59) Which of the following approach do we avoid working with the visual designer or entity framework?

a.Code First Approach.----------Ans

b.Model First Approach.

c.Database Approach.

d.None of the listed options.

60) Which of the following statements are TRUE?

i.Client wins and store wins are actions which are used when concurrency happens.

ii.In Client wins the data from the server is loaded in to your entity objects.

iii.In Store wins data from the entity object is saved to the database.

a.i and ii

b.ii and iii

c.only i----------Ans

d.i,ii and iii

****

1.LINQ to Entities provides developers to write LINQ queries

Stata True or False.

Select one:

True----------ANS

False

2.DbContext does not support Complied Queries.

State True or False.

Select one:

True----------ANS

Fasle

3.Linq to Entity Query results are usually returned as which of the following?

Select one:

a.A collection of zero or more typed entity objects or a projection of complex types defined in the conceptual model.

b.Inline collections

c.Linq to objects

d.Anonymous types

e.All of the listed options.----------ANS

4.Localization is also known as_____.

Select one:

a.All the listed options

b.L10N----------ANS

c.LOC-zation

d.LCn

5.which of the following principals are included in the security context ?

Select one or more:

a. The login

b. The user----------ANS

c. Authentication memberships--------ANS

d. Role memberships-----ans

e. Role aggregation

6.How are user defined functions different from User-defined Stored Procedures?

a.In user-defined function the default parameter is specified with a DEFAULT keyword.----ans

b.In User-defined function omitting the parameter also implies default value.

c.User-defined functions do not support output parameters.----------Ans

d.User-defined functions do support output parameters.

7.Razor expression starts with_____.

a.@----------ANS

b.%

c.#

d.$

8.john is given a task to make his website a bit intelligent and in the process he's been told to add autocomletion on the "searchBox".Which of the following will be helpful?

select one

ans: $function(){

$("#searchBox").autocomplete("/Product/SearchCandidates",{minChars:3});

});

9.What is the significance of INSTEAD OF argument of the CREATE TRIGGER statement?

Select one or more:

a.Specifies that the DML trigger is excuted instead of the triggering SQl statement

b.It overrides the actions of the triggering statements----------ANS

c.It can be specified for DDl or logon triggers----------ANS

d.It cannot be specifoed for DDl or logon triggers.

10.Which of the foloowing provider is used to access data in conceptual model?

Select one:

a.EntityClient provider----------ANS

b.SqlClientProvider

c.EntityModelProvider

d.EntityContext

11.How are NON-clustered indexes different from Clustered indexes?

select one:

a.The data columns of the underlying table are not stored in order based on their nonclustered keys.

b.The data rows of the underlying table are sorted and stored in order based on their nonclustered keys.----------ANS

c.The leaf layer of a nonclustetred index is amde up of index pages instead of data pages.----------ANS

d.The leaf layer of a nonclustetred index is amde up of data pages instead of index pages.

12.Which of the following statements are true about Clustered index?

Select one or more:

a.A clustered index sorts and stores the data rows of the table or view in order based on clustered index key----------ANS

b.A clustered index sorts and stores the data columns of the table or view in order based on the clustered index key.

c.A clustered index is implemented as a B-tree index strucuture----------ANS

d.A clustered index is implemented as aLinked-list structure.

13.Which of the following object is used to query and modify data?

Select one:

a.OjectContext----------ANS

b.EntityOject

c.DataContext

d.None of the listed options.

14. Your manager has given youa task to write a code to list recent 30 events and this should be accessible to no one other than admins.

which of the following should you choose?

select one:

a.public class EventController:Controllers{public ActionResult Index(){AspNerDB db = new AspNerDB(); var f=db.WebEvents.OrderByDescending(e=>e.EventTime).take(30);return View(f);}}

b.[Authorize(Roles="Managers")]public class EventController:Controllers{public ActionResult Index(){AspNerDB db = new AspNerDB(); var f=db.WebEvents.OrderByDescending(e=>e.EventTime).take(30);return View(f);}}

c.[Authorize(Roles="Admin")]public class EventController:Controllers{public ActionResult Index(){AspNerDB db = new AspNerDB(); var f=db.WebEvents.OrderByDescending(e=>e.EventTime).take(30);return View(f);}}----------ANS

d.public class EventController:Controllers{public ActionResult Index(){AspNerDB db = new AspNerDB(); var f=db.WebEvents.OrderByAscending(e=>e.EventTime).take(30);return View(f);}}

15.Which of the following are the data annotations attribute?

Select one or more

a.Compare

b.Range

c.Required----------ANS

d.StringLength----------ANS

16.Which of the following annotation is used to mark one or more properties to be used for concurrency checking while user modifies in an entity?

Select one:

a.ConcurrencyCheck----------ANS

b.DatabaseCheck

c.EntityCheck

d.None of the listed options

17.analyse the link:- "http://localhost/music/". Choose the option which is correct for it

I. Not running under cassini

II. running under IIS

I only

II only----------ANS

both I and II

none of the options

18.By default in Entity Framework Snapshot change tracking is enabled snapshot change tracking mechanism.

State true or false

True----------ANS

Fasle

19.what are the significance of recovery model setting??

Select one or more:

a)it determines how much data can be recovered in the event of a media failure----------Ans

b) it determines the location where the data should be recovered in the event of a media failure

c)the default recovery is full , which provieds the greatest level of recovery----------Ans

d) the default is partial which provides the greatest level of recovery

20.George wants to make the appearance of his site better.He wants to show an image when a "divhello" result takes time to display.

Which of the following should he choose?

Select one:

a.[....@Ajax.ActionLink("Hello","Hello",new AjaxOptions(){UpdateTargetID="div-hello",HttpMethod="GET",LoadingElementId="divloadingimage"})....]

b.[....@Ajax.ActionLink("Hello","Hello",new AjaxOptions(){UpdateTargetID="div-hello",HttpMethod="GET",LoadingElementId="divloadingimage"})....]

c.[....@Ajax.ActionLink(AjaxOptions(){UpdateTargetID="divhello",HttpMethod="GET",LoadingElementId="divloadingimage"})....]

d.[....@Ajax.ActionLink("Hello","Hello",new AjaxOptions(){UpdateTargetID="divhello",HttpMethod="GET",LoadingElementId="divloadingimage"})....]------ans

21.which template is used in entity framework to generate code in C# by reading .edxm file?

a. C# template

b. T4 template----------ANS

c. XML template

d. none

22.Which of the following are used to locate the entities at the ends of an association in a conceptual model?

Select one:

a.Navigation properties.------=---- Ans

b.Attributes

c.Index

d.Proxy

23.What is Dependency Injection?

Select one:

a.A technique gor achieving tight coupling between objects and their collaborators.

b.A technique gor achieving loose coupling between objects and their collaborators.----------
----------ANS

c.A technique gor achieving tight coupling between Model and their views.

d.A technique gor achieving tight coupling between Model and their respective server.

24.Entities define the_____of an object but not the behavior of the object.

select one:

a.Object

b.schema----------ANS

c.Entity

d.None of the liosted options.

25.A basic TDD cycle is_____.

Select one:

a.Red-Green-Refactor----------ANS

b.Debud-Error-Resolve

c.Red-Green-Resolve

d.Fail-Pass-Repeat

26.We can pass information from a controller to a view using ViewBag.

State true or False:

Select one:

True----------ANS

False

27.Which of the following require type-casting in the view?

I.ViewData

II.TempData

Select one:

a.I only

b.II only

c.Both I and II----------ANS

d.None of the listed options

28.Which of the following keyword is used for lazy loading related data in entity framework?

Select one:

a.protected

b.virtual----------ANS

c.const

d.abstract

29.how can we disable proxy object creation in POCO?

A) CONTEXT.CONTEXTOPTIONS.ENABLED = FALSE;

B)CONTEXT.CONTEXTOPTIONS.PROXY=FALSE;

C) CONTEXT.CONTEXTOPTIONS.PROXYENABLED = FALSE;

D)CONTEXT.CONTEXTOPTIONS.PROXYCREATIONENABLED = FALSE;----------
ANS

30.which of the package can be used to write an implementation for ASP.NET Identity that targets different persistence stores such as Azure Table Storage, NoSQL databases etc..,?

Select one:

a.Microsoft.AspNet.Identity.OWIN

b.Microsoft.AspNet.Identity.Core.....ans

c.Microsoft.AspNet.Identity.Entityframework

d.Microsoft.ASPNET.Security

31. GlobalFilters.Filters.Add(new SampleFilter())- what will the above piece of code do ?

Select one:

a. It will move it sample filter to the global filter

b. None of the listed options

c. It will add custom filter "SampleFilter" to the GlobalFilters----------
-----ANS

d. it is not possible to add new filter, so it will give an error

32. Which of the following statements are true about extended stored procedures?

Select one or more:

a. they are inherited from another user defined stored procedure

b. they are DLLs developed in a programming language like c that an instance of

Microsoft SQL server can dynamically load and run----------ANS

c. they run directly in the address space of an instance of SQL server----------ANS

d. they are programmed by using the SQL server extended stored procedure APL----------ANS

33. ObjectContext mainly used for which of the following ?

i. Database connection

ii. Object set of every entity

iii. state of pending changes

Select one:

a. i and ii

b. i and iii

c. ii and iii

d. i, ii and iii----------ANS

34. ModelBinder interface defines

select one:

a. the .dll files that are required for a model binder

b. the interface that are required for a model binder

c. the methods that are required for a model binder----------ANS

d. the assembly that are required for a model binder

35. which of the following is the correct option to get related subjects count without loading

it of the student name os "vijay" ?

select one:

a. var user = context.Users.where(b =>b.name == "vijay").FirstorDefault();var subjectCount = user.Subjects.Count();

b. var user = context.Users.where(b =>b.name == "vijay").FirstorDefault();var subjectCount = Content.Entry(user).

Take(b =>b.Subjects).Query().Count();

c. var user = context.Users.where(b =>b.name == "vijay").FirstorDefault();var subjectCount = Content.Entry(user).

Include(b =>b.Subjects).Query().Count();

d. var user = context.Users.where(b =>b.name == "vijay").FirstorDefault();var subjectCount = Content.Entry(user).

Collection(b =>b.Subjects).Query().Count();----------ANS

36. Which statements are true about nonclustered indexes with respect to partitions?

select one or more:

a. nonclustered indexes have one row in sys.partitions with index_id >0 for each partition used by the index----------ANS

b. nonclustered indexes have one column in sys.partitions with index_id >0 for each partition used by the index

c. by default, a nonclustered index has a single partition----------ANS

d. by default, a nonclustered index has a multiple partition

e. each partition has a B-tree structure that contains the index rows for that specific partition------ans

37. If we want to retrieve friend along with contact entity, which of the following code will fetch us the required result ?

select one:

a. public.ActionResult index(){var friends = db.Friends.Include(a => a.Contacts);return View(friends);}----------ANS

b. public.ActionResult index(){var friends = db.Friends;return View(friends);}

c. public.ActionResult index(){var friends = db.Friends.Insert(a => a.Contacts);return View(db.friends);}

d. public.ActionResult index(){var friends = db.Friends.add(a => a.Contacts);return View(friends);}

38. How does SQL Server execute a stored procedure or a trigger ?

select one or more:

a. SQL server stores only the source for stored procedures and rtiggers----------ANS

b. SQL server keeps the stored procedures & triggers in compiled form for future execution

c. when a stored procedure or trigger is first executed, the source is compiled into an execution plan----------ANS

d. if the stored procedure or trigger is again executed before the execution plan is aged from memory, the relational

engine detects the existing plan and reuse it----------ANS

e. if the execution plan has aged out of memory, a new plan is built----------ANS

39. Jason is trying to access Appsettings of "sampleserverA" & the accidently wrote this varserver =

ConfigurationManager.Appsettings["sampleserver"];- what result will he get ?

select one:

a. He will get an alert

b. He will get a nullvalue back

c. He will get a ArgumentException----------ANS

d. All the listed options

40. choose a code block which will show "Hello World" on the WEb page

select one:

a. public ActionResult Index()

```
{
 View.Message = "Hello World";
 return View();
}
```

b. public ActionResult Index()

```
{
 View@Message = "Hello World";
 return View();
}
```

c. None of the listed options

d.public ActionResult Index()

```
{
 ViewBag.Message = "Hello World";----------ANS
 return View();
}
```

41. "Type or Namespace name "SampleTest" could not be found" - you are getting the above error while you

trying to build a test. what could be the reason ?

select one:

a. You didn't instantiate the object for the sampletest controller and view

b. you didn't have the class called "sample test"

c. the inline constructor is yet to get validated

d. you have not parsed the class assembly----------ANS

42. if we use database first generation a Dbcontext is generated by default

State true or false

select one:

a. true----------ANS

b. false

43. which of the following are the standard query operators of LINQ ?

select one:

a. select

b. where

c. groupby

d. all the listed options----------ANS

44. which method in the DBcontext writes inserts, updates and deletes to the data source ?

select one:

a. save

b. saveChanges----------ANS

c. saveEntity

d. All of the listed options

45. Natasha is typing to access a page but she is not able to do it. on the other hand, when john logged in

via his credentials he could. what may be the reason ?

select one:

a. web server credential overriding

b. roel based access ----------ANS

c. URL customization

d. Account rendering

46. Entity framework provides us with which of the following attribute to indicate multiple relationships

between two labels ?

select one:

a. [insertProperty]

b. [InverseProperty]----------ANS

c. [INProperty]

d. None of the listed options

47. how is the information returned from table-valued functions ?

select one or more:

a. information may be returned from table-valued functions using output paramaters----------ANS

b. information may be returned from table-valued functions using return paramaters

c. you must specify the parameters by value

d. you must specify the parameters by reference----------ANS

48. sam is developing ASP.NET MVC 3 web application. He is using SQL server as database. As it is in staring stages,every time

the database changes, an error pops up in the application. which of the foolowing method should sam add to take care of this ?

select one:

a. DropCreateDatabaseselfModelChanges<>()----------ANS

b. RefreshDb<>()

c. DeleteUpdateDatabaseselfModelChanges<>()

d. none of the listed options

49. which statements are true about the max constant in a varchar type ?

select one:

a. It can be used when the data can exceed more than 8000 characters----------ANS

b. it can be used to fix the max length of characters for the entire column----------ANS

c. it can be used to store large blocks of text----------ANS

d. it can be used to store large image types

50. By default value of "UnobstustiveJavaScriptEnabled" is

select one:

a.AUTO

b.None

c.False----------ANS

d.True

51.In which folder is the bundle.config file stored?

Select one :

a.App_Data

b.App_Start----------ANS

c.Content

d.Filter

52.Rafael is a new developer and the manager has told him to make the current code less complex.The current code

has all the html and processing code in same file.

Which of the following should he choose?

Select one:

a.Advice him to use seperate models and controller for each logic and store it in new database

b.Advice him to use partial views and create custom Html helpers to make the ocde readable and less croeded of all the things in one place.----------ANS

c.Advice him to create a new page for every logic.

d.None of the listed option

53.Which class is used for transactions in entity framework?

Select one:

a.System Transaction----------ANS

b.SqlTransaction

c.EntityTransaction

d.None of the listed options.

54.Which of the following statements are true about varbinary data type?

Selct one or more:

a.varbinary can hold binary data.----------ANS

b.varbinary can hold character data.----------ANS

c.can exceed 8000 characters ----------ANS

d.the value is absed on regular expression logic

55.what are the steps for creating partition tables&indexes?

Select one or more:

a.Create partition function to specify how a table or index that uses the function can be partitioned----------ANS

b.Create partition function to specify the placement of the partitions of a partition function on filegroups

c.Create partition Schema to specify the placement of the partitions of a partition function on filegroups----------ANS

d.Create partition Schema to specify how a table or index that uses the function can be partitioned

e.Create a table or index using the partition Schema----------ANS

56.What are the restrictions related to the database file creation?

Selct one or more:

a. Database file name shouuld not be more than 8 characters

b.Database file name should be unique---------- Ans

c.The file must reside on one of the following devices: the local server on which SQL Server is installed,a Storage

Area Network[SAN],or an iSCSI-based network

d.The path specified must exist on the drive prior to creating the database---------- Ans

57.find the correct code to execute sql raw query in the entity frameqwork from the following

select one:

a.using(var ctx = new schoolDBentities())

```
 {
        varstudentlist = ctx.students.sql("select*from student").tolist<student>();
 }
```

b.none of these

c.using(var ctx = new schoolDBentities())

```
 {
```

varstudentlist = ctx.students.execute("select*from student").tolist<student>();

}

d.using(var ctx = new schoolDBentities())

{

varstudentlist = ctx.students.sqlquery("select*from student").tolist<student>();----------
----------ANS

}

58.Show current date using javascript as Sat Jun 4 2016

select one:

a.----------ANS

<p id-"sample"></p>

<script>

var d= new Date();

document.getElementById("sample").innerHTML=d.toDateString();

</script>

b.

<p id-"sample"></p>

<script>

var d= new Date();

document.getElementById("sample").innerHTML=b.toDateString();

</script>

c.

<p id-"sample"></p>

<script>

var b= new Date();

document.getElementById("sample").innerHTML=d.toDateString();

</script>

d.

<p id-"sample"></p>

<script>

var d= new Date();

document.getElementById("sample").innerHTML=d.toDate();

</script>

59.Which of the following is issued to obtain a configuration object for a given property in Fluent API?

Select one:

a.ToTable()

b.HasKey()

c.HasDatabaseGeneratedOption()

d.Property()----------ANS

60.Which of the following are database initialization strategies in EF code First?

Select one or more:

a.CreateDatabaseIfNotExists----------ANS

b.MigrateDatabaseToLatestVersion

c.CustomDBinitializer----------ANS

d.AlterDatabasewithchanges

****

arjun

Entity Framework supports three ways to load related data -

eager loading, lazy loading and explicit loading. The techniques

shown in this topic apply equally to models created with Code First and the EF Designer.

60.which of the following loading is supported by Entity framework?

select one:

a.Eager Loading

b.Lazy Loading

c.Explictly Loading

d.All ----------ANS

59.if stored procedure returns complex type that is only on conceptual model and not in databse table

ans:complex

58.George wants to make the appearence of his site better.He wants to show an image when a "divhello" result takes time to display

which should be choosed?

select one

a.[....@Ajax.ActionLink(Ajax.Options())

{

UpdateTargetId="div-hello",Httpmethod="GET",LoadingElementId="divloadingimage"

})...]

b.[....@Ajax.ActionLink("Hello","Hello",new Ajax.Options())

{

UpdateTargetId="div-hello",Httpmethod="GET",LoadingElementId="divloadingimage"

})...]

c.[....@Ajax.ActionLink("Hello","Hello",new Ajax.Options())

{

UpdateTargetId="divhello",Httpmethod="GET",LoadingElementId="divloadingimage"

})...]----------
ANS

d.[....@Ajax.ActionLink(Ajax.Options())

{

UpdateTargetId="divhello",Httpmethod="GET",LoadingElementId="divloadingimage"

})...]

57.dependency resolver() is destructor

a.true

b.false.....ans

56.where can CLR functions be used?

select one or more:

a.CLR functions can be used to access external files----------ANS

b.CLR functions can be used to access network resources----------ANS

c.CLR functions can be used to configure the instance of SQL server----------ANS

d.CLR functions can be used to access WEb services----------ANS

e.CLR functions can be used to connect to other databases

55.The syntax of GetService Method is?

Select one

a.object.GetService(

Type serviceType

)

b.object GetService(

Type serviceType

)----------ANS

c.object GetService(

object.serviceType

)

d.object GetService(

Type.serviceType

)

54.output cache is used to cache output of a controller

ans:true

It enables us to cache the content returned by any controller method

so that the same content does not need to be generated each time the same controller method is invoked

53.entity sql is a storage independent query language

ans:true

52.which of the following method is used to get correct type for the specified target role in a relationship in the class relationshipmanager?

select one:

a.GetRelated End----------ANS

b.getRelatedCollection

c.GetObjectstateEntries

d.None

51.Which of the following is the full form of CSDL ?

a.Conceptual SelectData Definition Language

b.Conceptual Select Definition Language

c.Conceptual Set Definition Language

d.Conceptual Schema Definition Language----------ANS

50.How can we get the single employee name when there are many employees whose name is "John" in the database?

Select one:

a.var employee=(from emp in contextobject.Employee where emp.EmployeeName="John"select emp).FirstOrDefault<Employee>()

b.var employee=(from emp in contextobject.Employee where emp.EmployeeName=="John"select emp).FirstOrDefault<Employee>()----------ANS

c.var employee=(from emp in contextobject.Employee where emp.EmployeeName=="test" select emp);

d.None of the listed options

49.Which of the following does the input to QueryOptimizer consist?

Select one or more:

a.The query

b.The database schema----------ans

c.The database statistics----------ANS

d.the selected rows.

Note:The input to the optimizer consists of the query, the database schema (table and index definitions), and the database statistics.

(https://technet.microsoft.com/en-us/library/ms190623(v=sql.105).aspx)

48.Which are the following are the type of entity?

Select one or more:

a.POCO entity----------ANS

b.Dynamic proxy entity----------ANS

c.DbContext

d.ObjectContext

47.Which statements are true about RANK function?

Select one or more:

a.It returns the rank of each row in the table within the partition of a database.----------ANS

b.The rank of a row is equal to the number of ranks that come before the row in question.

c.The rank of a row is one plus the number of ranks that come before the row in question----------ANS

d.the RANK function returns consecutive integers.

e.The Rank function does not always return consecutive integers. ----------ANS

46.LINQ to XML is based on in-memory XML programming interface.

State True or False

Select one:

True----------ANS

False

45.What are the conditions for assemblies created by using EXTERNAL ACCESS permission sets?

Select one or more: ----------ANS

a.The assesmbly code should be type-safe----------ANS

b.the assesmbly should contain only stattic data members in its classes unless they are marked as read-only----------ANS

c.the classes in the assesmbly must contain finalizer methods----------ANS

d.the classes or methods of the assesmbly should be annotated only with allowed codes attributes----------ANS

(https://msdn.microsoft.com/en-us/library/ms189524.aspx)

44.Which one in the following is not included in the configuration hierarchy?

Select one:

a.Root web

b.IIS

c.ASP.NET Application sub directory

d.ASP.NET Client Server sub directory----------ANS

e.ASP.NET root directory.

43.What is meant by Materialization in entity framework? REPEATED QUESTION

Select one:

a.Materialization is the process of returning query results back to the client as entity types.

b.Materialization is the process of returning query results back to the client as CLR types.----------ANS

c.Materialization is the process of returning queries back to the client as CLR types.

d.None of the listed options.

42.Which command will remove the package?

Select one:

a.Remove packageName----------ANS

b.Delete package

c.Uninstall-package PackageName

d.None of the listed options.

41.You need to write a view to show Hi!"username" If user is authenticated display signoff link & sign in link for anonymous user.

Which of the following should you choose?

Select one:

a.<%if(Request.IsAuthenticated){Hi!<%=Html.Encode(page.User.Identity.Uname)%>[<%=Html.ActionLink("SignOff","SignOff","Account")%>]<%}else{%>[<%=Html.ActionLink("Sign In","Sign In","Account")%>]<%}%>----------ANS

b.<%{Hi!<%=Html.Encode(page.User.Identity.UName)%>[<%=Html.ActionLink("Sign Off","Sign Off","Account")%>]<%}else{%>[<%=Html.Action.Link("Sign in","Sign in","Account")%>]<%}%>

c.<%(user=Authorize){Hi!<%=Html.Encode(page.User.Identity.UName)%>[<%=Html.ActionLink("Sign Off","Sign Off","Account")%>]<%}else{%>[<%=Html.ActionLink("Sign in","Sign in","Account")%>]<%}%>

d.All of the listed options.

40) Which of the following is Lambda operator?

a) "a"

b) "=>"----------Ans

c) " "

d) "@"

39.Detatch state is the default state of newly created entity.?

ans:true

Note:Detached is the default state of a newly created entity because the context can’t track the creation of any object in your code.

38) Which statements are true about DENSE_RANK function?

a) Returns the rank of rows within the partition of a result set, without any gaps in the ranking----------Ans

b) The rank of a row is one plus the number of distinct ranks that come before the row in question---------Ans

c) Returns the rank of each row within the partition of a result set

d) The rank of a row is one plus the number of ranks that come before the row in question

37.You are given a task by your manager that include assembly binding??

ans:Machine.Confing

Note: Machine.config contains configuration settings for machine-wide assembly binding, built-in remoting channels, and ASP.NET.

36) What does the update command do?

a) Updates a package----------Ans

b) Updates the project

c) Updates the Visual studio

d) Updates the solution

35) On what conditions can you perform concurrent online index operations on the same table?

a) Creating multiple clustered indexes

b) Creating multiple nonclustered indexes----------ans

c) Reorganizing different indexes on the same table----------ans

d) Reorganizing unique indexes on multiple tables

e) Reorganizing different indexes while rebuilding nonoverlapping indexes on the same table----------ans

34) How can we disable proxy object creation in POCO?

a) context.ContextOptions.Enabled=false

b) context.ContextOptions.Proxy=false

c) context.ContextOptions.ProxyEnabled=false

d) context.ContextOptions.ProxyCreationEnabled=false----------Ans

33) What is Remote Validation?

a) it is a mechanism that can make a remote client call in order to validate a form field without passing the entire form to the server

b) A mechanism to validate a client machine through remote call

c) A mechanism to validate form field using remote conditions

d) A mechanism that can make a remote server call in order to validate a form field without posting the entire form to the server----------Ans

32) Which of the following is the CORRECT option for Model First approach?

a) Generate a Database from a Model----------Ans

b) Generate a Model from the Class

c) Generate a Model from the Database

d) Generate a Object from the Model

31) Which of the following are the properties of the HTTPConfiguration class?

Select one or more:

a) Message Handlers----------Ans

b) Comparer

c) Stack Tree

d) Dependency Resolver--------Ans

30.In Model We can keep Which of the following:

select one or more.....ans

a:Business Logic.....ans

b:Data Logic.....ans

c:Session Logic.....ans

d:Validation Logic.....ans

Note:The model is where the domain-specific objects are defined. These definitions should include business logic (how objects behave and relate),

validation logic (what is a valid value for a given object), data logic (how data objects are persisted) and session logic (tracking user state for the application).

29)what is the purpose of NotMapped annotation in entity framework

a)not to create a property for an entity

b)to remove mapping a property to the data base for an entity.....ans

c)to add property for a data base entity

d)none

Note: You can apply NotMapped attribute to a property which you do NOT want to create a column in a database table for.

28.Which of the following arguments of the CREATE TRIGGER statements specifies

the security context under which the trigger is executed.

a)all server

b)with encryption

c)execute as----------ans

d)instead of

27.By default, LINQ supports which of the following

i.Lazy Loading----------ans

ii.Eager Loading

iii.Deferred Loading

Note:By default LINQ supports lazy loading.(http://www.dotnettricks.com/learn/entityframework/difference-between-lazy-loading-and-eager-loading)

26.Which of the following statements are true about trigger creation?(multiple)

a.CREATE TRIGGER must be the first statements in the batch----------ans

b.CREATE TRIGGER must be the last statements in the batch

c.CREATE TRIGGER can apply to only one table----------ans

d.CREATE TRIGGER can apply to multiple tables

e.A trigger is created only in the current database;however a trigger

can references objects outside the current database----------ans

25.Which of the following two are name types of SQL Server Files?

select one or more:

a:Physical_File_name

b:Logical_file_name.....ans

c:Primary_File_Name

d:Os_File_Name.....ans

23.23)which of the following options are true about temp. stored procedures

with respect to performance?

b:Heavy use of temporary stored procedures can create contention on the system tables in tempdb and adversely affect performance.....ans

c:It is recommended that sp_executesql be used instead.....ans

e:sp_executesql discard data in the system tables and therefore avoids the problem.....ans

22.In entity framework ,Data is retrieved as objects.

true.....ans

false

21.What are Entity state members?

select one

a:Added

b:Deleted

c:Modified

d:All of the listed options.....ans

20. What is entity key?

select one

a. An entity is a property or a set of properties of an entity type that are used to determine identity.----------ans

b. An entity is a property or a set of properties of an entity type that are used to determine the column for searching index

c. An entity is a property or a set of properties of an entity type that are used to identify relationship among the entities

d. All of the listed options

19.Read the following definition and choose the correct option. -->Contains methods to create types of objects locally or remotely ,or obtain references to existing remote objects.

select one

a:Activator.....ans

b:Validator

c:ModelBinder

d:Dependency Resolver

18.You need to perform an arithmetic operation in Razor view. which of the following will accomplish the task?

a. "@[value][arithmatic operator][value]"

b. "@;([value][arithmatic operator][value])"

c. "@:([value][arithmatic operator][value])"

d. "@([value][arithmatic operator][value])"----------
ANS

17.What are the features supported by SQLXML in SQL Server?

select one or more

a. ability to transform the result of a query into XML on the client side ----------
----------ANS

b. ability to create an XML view of relational data bye using an annotated XSD mapping schema file----------ANS

c. ability to access SQL server using HTTP----------
ANS

d. ability to access SQL server using TCP/IP

e. ability to expose functionality offered by stored procedures, user-defined functions, and template queries as SOAP-based web services----------
ANS

16. What will be the output of the following code

```
Public ActionResult Search (string idea="A"){

        return View();

}
```

I. It will set the default value of String idea to "A"

II. It will set the default pointer of idea to "A"

Select one:

a. Both I and II

b. II only

c. None of the listed

d. I only----------ANS

15.In which of the following conditions one should go for partitioning table

select one or more:

a.table contain large amounts of data that are used in different ways.-----ans

b.database contain large amount of table

c.Queries or updates against the table are not performing as intended, or maintenance costs exceed predefined maintenance periods.....ans

d.If tables has many columns.

14.which of the statement are true about DATABASE argument of the create trigger statement

select one or more:

a.applies scope of DDL to current database.----------ans

b.The trigger fires whenever event_type or event_group occours.----------ans

c.The trigger fires whenever new record is inserted in table in current database

d.The trigger fires whenever record is deleted from table in current database.

13.which of the following method is used to change relationship state of two entity object

a.ChangeRelationship

b.ChangeRelationshipState----------ANS

c.ChangeRelation

d.None of the above

12.Which file will conatin the application level configurations?

select one:

a.Config.config

b.Global.aspx

c.Web.config.....ans

d.Packages.Config

Note:ASP.NET configuration data is stored in XML text files that are each named Web.config.

11.What does LINQ to SQL do:

I.It enables you to query data using Datacontext

II.It provides tightly coupled approach

Select one:

a.onlt I

b.only II

c.both I and II----------ANS

d.neither I or II

10.Entity Framework_____ all data before storing it to the database by default ,using valiadtion method.

b.Validates .....ans

9.Datepicker lets yu pic date from calendar instead of writing it?true----ans

8.Show alert on the page:

a. alert("you have generated an alert box");.....ans

7.Whhich of the following method in Entity type configuration is used to configure an optional relationship?

a.HasOptional.....ans

6.what are the different classes into which sql server divides principals?

ans:a,c,d

5 store schema definition language (SSDL)

4._____ allows you to store and retrieve values using object-property syntax rather than key-value syntax used by dictionary object.

a.ViewBag.....ans

b.Tempdata

c.viewindex

d.ViewData

2.Which of the following is used to configure a Code First Model?

select one

a.Fluent API.....ans

b.EntityModel

c.Web.Config

d.None of the listed options

1.What provides the ability to asynchronously exchange data between a web browser and a web server?

select one

a.XMLHttpRequest.....ans

b.XSLHttpRequest

c.CSSHtmlRequest

d.XMLHtmlRequest

****

1.You are given a task to make the current from secure such that it can be prevented cstf.Which of the following will be helpful?

Select one:

a.<% using(Html.BeginForm()){%><% = Html.AntiLibrary()%>

b.<% using(Html.BeginForm()){%><% = Html.AntiForgeryToken()%>----------ANS

c.<% using(Html.BeginForm()){%><% = Html.AntiCSRFToken()%>

d.<% using(Html.BeginForm()){%><% = Html.AntiCSRFLibrary()%>

2. Which of the follwing statements are true about AFTER trigger?

Select one or more:

a.AFTER trigger executes after the statement that triggeres it completes.....ans

b.AFTER trigger executes after the last trigger in the queue.

c.If the statemnt falls with an error the trigger is not executed.....ans

d.AFTER triggers cannot be specified for tables,they can only be specified foe views

e.AFTER triggers cannot be specified for views,they can only be specified foe tables.....ans

ANS:a,c,e

3. The ObjectContext class is not thread-safe

State True or False

Select one:

True----------ANS

false

4.How can the execution plans of queries on partitioned tables and indexes be examined?

Select one or more:

a.By using the transact-SQL SET SHOWPLAN_XML

b.By using the transact-SQL SET STATISTICS_XML----------ANS

c.By using the transact-SQL SET PARTITION_XML

d.By using the transact-SQL SET INDEX_XML

5.Analyse the link:-"Http"//localhost/music/".Choose the option which is correct for it.

I.Not running under cassini.

II.Running under IIS.

Select one:

a.I only

b.II only----------ANS

c.Both I and II

d.None of the listed options.

6.public void TestDate()

{

Distance z= new Distance();

var message = new Sample(z);

AssertAreEqual(distance,message.z);

}-Analyse the code and identify why it will not work.

Select one:

a.[Status=TestMethod]is not written

b.[TestMethod]is not written

c.proper refference is not invoked at the start of the test. ----------ANS

d.None of the above

7. What are the benefits of using a Unique index?

Select one or more:

a.It is less error prone.....ans

b.Data integrity of the defined columns is ensured.....ans

c.Additional information helpful to the query optimizer is provided.....ans

d.The performance is not degraded.

ANS:a,b,c

8.Which of the following is a way to install/download a Nuget in your system?

Select one:

a.All the listed options

b.In visual studio, go to tools->Extension Manager->search Nuget->install

c.In your browser go to nuget.org->click on Download----------ANS

d.In a visual studio,right click on References->Add LibraryPackagesReferences->search Nuget->Install

9.public class DependencyResolver

- is the syntax for Dependency Resolver class

State True or False

Select one;

True----------ANS

False

10.How can we create basic Entity Mapping?

Select one:

a.modelBuilder.Entity<Blog>().MapStoredProcedures();

b.modelBuilder.Entity<Blog>().MapToStoredProcedures();----------ANS

c.modelBuilder.Entity<Blog>().ToStoredProcedures();

d.modelBuilder.Entity<Blog>().StoredProcedures();

11) Which of the following is true for DB initialization in config file

ANS

<?xml version="1.0" encoding="utf-8"?><configuration><appSettings>

<add key="DatabaseInitializerForTypeBlogdataLayer.BlogDBContext, BlogDataLayer"

value="System.Data.Entity.DropcreateDatabasealways'1[[BlogdataLayer.BlogDBContext,BlogdataLayer]],EntityFramework"/>

</appSettings></configuration>

12) LINQ stands for-----

Line integrated new query

Language integrated new query

Language integrated Query---------ANS

Line Integrated Query

13) Which of the following option is correct about navigation property

Navigation properties provide a way to navigate an association betwwen two entity types

Every object can have a navigation property for every relationship in which it participates

Navigation properties allow you to navigate and manage relationship in both directions, returning either a reference object or a collection

All of the options----------ANS

14) How is a user defined table valued function in select insert update or delete statements is invoked?

a user defined table valued function can be invoked in the from clause of a select, insert, update and delete statement----------ANS

a user defined table valued function can be invoked as a stored procedure from a select, insert, update and delete statement

a user defined table valued function can be invoked in the where clause of a select, insert, update and delete statement

a user defined table valued function can be invoked in the using clause of a select, insert, update and delete statement

15) Entity framework supports automatic change tracking of the loaded entities during the life time of the conext.

true----------ANS

false

16) Which are the different types of file groups?

Secondary

Primary----------ANS

User-defined----------ANS

Hidden

17) Which statements are true about CLR stored procedures?

It is a reference to a microsoft .net framework common language runtime(CLR) method----------ANS

the method can only take and return user-supplied parameters.----------ANS

the method can only take input parameters.

they are implemented as public static ,methods on a class in a .net framework assembly----------ANS

they atre implemented as private protected methods on a class in a .net framework assembly

18) You are working on a web application and for a particular small operation it is loading the whole page. Which of the following technology will you adopt to improve the functionality

AJAX----------ANS

C++

sharepoint

selenium

19) Which of the following methods make entity framework for detecting changes automatically?

DbSet.Find

DbSet.remove

DbSet.Attatch

All of the options----------ANS

20) Which exception will raise when you define an Entity Data Model that uses stored procedures to make updates to the data source

OptimisticException

ConcurrencyException

OptimisticConcurrencyException

None of the listed options---------- ANS (doubt) may be ans is dbupdateconcurrencyexception.....right

21) By default value of "UnobstrusiveJavaScriptenabled" is

FALSE----------ANS

TRUE

NONE

AUTO

22) Which of the following will render carinfo object stored in viewbag to a view

---------- ANS

car information: @ViewBag.carinfo

23) Problem statement:- peter is a web developer and has created website in ASP>NET MVC# using razor view. people were giving feedback on his site without goignthrough the products details page. they were navigating to the feedback page by

editing the url.

as a friend suggest him to use "ChildAction" through "@Html.Action".which of the following would he chose??

peter should use "@html.goThrough" inplace of "@Html.Action"

peter should use "ChildActionOnly" inplace of "ChildAction"----------Ans

24) Which method converts string to HTML Encoded string

HtmlUtility.Httpcode

HttpUtility.HtmlEncode----------ANS

HttpUtility.Htmlcode

HtmlUtility.XmlEncode

25) ModelBinder interface defines---------

the methods that are required for a model binder----------ANS

the .dll filesthat are required for a model binder

the interface that are required for a model binder

the assembly that are required for a model binder

41. You are given a task by your manager that includes assembly binding.Which file would you configure?

select one:

a.System.config

b.web.config

c.Machine.config----------ANS

d.Config.config

42.

Unchanged state is the default state for an entity while the entity is retrived from the database

a.True----------ANS

b.False

43.Which of the statement is true about VARCHAR datatype?

select one or more:

a.varchar can hold alphanumeric data----------ANS

b.The storage size of varchar data type is fixed

c.Each row can hold different no of characters up to the maxlength defined.----------ANS

d.Each row can hold fixed number of characters as defined by max length.

44.Which action result typewill return a temporary redirect(HTTP 302 sattus code) or a permanent redirect(HTTP 301 status code),depending on a boolean parameter?

select one:

a.HttpStatusCodeResult

b.HttpRedirectResult

c.HttpNotFoundResult

d.RedirectResult----------ANS

45.Machine.config contain setting that apply to entire network.

a.true----------ANS

b.False

46._____is an XML -based language which describes the entities ,functions and relationships which create a conceptual model of a application.

select one:

a.conceptual schema definition language(CSDL)----------ANS

b.Conceptual set definition language(CSDL)

c.conceptual select definition language(CSDL)

d.None of above

47. Which statements are true about the max constant in a varchar type?

a.It can be used when the data can exceed more than 8000 charactes.----------ans

b.it can be used to fix the max length of charactes for the entire column----------ANS

c.It can be used to store large blocks of text.----------ANS

d.It can be used to store large image types.

48.EDMX is an XML file

a.true----------ANS

b.False

49.Which of the package can be used to write an implementation for ASP.NET identify that targets different persistence store such as Azure Table Storage,NoSql database etc.

a.Microsoft.AspNet.Identity.Core----------ANS

b.Microsoft.AspNet.Identity.EntityFramework

c.Microsoft.AspNet.Identity.OWN

d. Microsoft.AspNet.Identity.Security

50.How can we stop autodetection change in entity framework?

select one:

a.Context.Configuration.AutoDetectChangesEnabled=false;----------ANS

b.Context.Configuration.AutoDetectChangesdisabled=false;

c.Context.Configuration.AutoDetectChangesEnabled=true;

d.Context.Configuration.AutoDetectChangesdisabled=True;

51)Which of the following statements are TRUE?

i.The CompiledQuery class provides compilation and caching of queries for reuse

ii.Execute method is to create a new delegate to represent the compiled query

iii.Once the query is compiled you can supply parameters of primitive type but you cannot replace parts of the query that would change the generated SQL

a.i and ii

b.ii and iii

c.i and iii----------Ans

d.i,ii and iii

52)Which of the following require type-casting in the View?

i.ViewData

ii.TempData

a.i only

b.ii only

c.Both i and ii----------Ans

d.None of the listed options

53)Which of the following snippet creates database in local sql express by default?

i.public class Context:DbContext

{

public Context():base()

{

}

}

ii.public class Context:DbContext

{

public Context():base("DB Name")

{

}

}

iii.public class Context:DbContext

{

public SchoolDBContext():base("name=EduDB")

{

}

}

a.i and ii

b.i and iii

c.ii and iii----------ans

d.i,ii and iii

54)Which of the following code snippets is correct for an entity Post having relationship with Blog?

a.modelBuilder.Entity<Post>().HasRequired(p=>p.Blog)----------Ans

b.modelBuilder.Entity<Post>().NeedRelationship(p=>p.Blog)

c.modelBuilder.Entity<Post>().Required(p=>p.Blog)

d.None of the listed options.

55)IObjectContextAdapter Interface is used to:

a.get the reference of ObjectContext from object

b.get the reference of ObjectContext from Entity

c.get the reference of ObjectContext from DBModel

d.get the reference of ObjectContext from DBContext----------Ans

56)Which of the following are database initializers used in Entity Framework?

a.CreateDatabaseIfNotExists----------Ans

b.DropCreateDatabaseIfModelChanges----------Ans

c.DropDatabaseAlways

d.DropCreateDatabaseAlways----------Ans

e.CreateDatabaseAlways

57)What are the different classes into which the SQL Server divides principals?

a.Windows-level principal----------Ans

b.Field-level principal

c.Database-level principal----------Ans

d.SQL Server-level principal----------Ans

58)What is entity key?

a.An entity key is a property or a set of properties of an entity type that are used to determine identity----------Ans

b.An entity key is a property or a set of properties of an entity type that are used to determine the column for searching index

c.An entity key is a property or a set of properties of an entity type that are used to identify relationship among the entities

d.All of the listed options

59)In remote validation HttpPost is used by default.State True or False.

a.True----------ans

b.False

60)Which of the following are different Securable scopes?

a.Server----------Ans

b.Client

c.Database----------Ans

d.Schema----------Ans

****

2.How does the ROWCOUNT_BIG function work?

select one or more

a.Returns the total number of rows in a table

b.Returns the number of rows affected by the last staetement executed----------ans

c.The return type of ROWCOUNT_BIG is bigint----------ans

d.The return type of ROWCOUNT_BIG is int

3.For which attributes of columns,clustered indexes are not advisable?

select one or more

a.Columns are unique or contain distinct values

b.Columns change frequently------ans

c.Columns are accessed sequently

d.when there are wide keys.-----ans

4.which of the following will render carinfo object stored in VIewBAg to a view?

select one

a.

car information: @ViewBag{carinfo}

b.

car information: @View.carinfo

c.

car information: @ViewBag.carinfo

----------ans

d.

car information: @ViewBag.display(carinfo)

5.As good practice what should you follow to prevent XSS attacks?

select one or more

a.Santize HTML markup----------ans

b.Donot put untrusted data---------ans

c.Do not use javascript

d.Do allow cross scripts----------ans

6.What do you understand by state management?

select one:

a.It is a process by which you override the state and client information over multiple requests for the same pages.

b.It is a process which you override the state and page information over single functional calls for the same controller

c.It is a process by which you maiintain the client and server information over multiple requests for the same or different pages

d.It is a process by which by whoch you maintain the state and page information over multiple requests for the same or different pages------ans

7.What do you mean by eager loading in MVC?

I.Related objects(child objects)are loaded automatilly with its parent object.

II.Related objects(child objects)are not loadede automatically with its parent object until they are requested.

Select one:

a.I only----------ans

b.None

c.Both I and II

d.II only

12.How are user-defined functions different from User-defined stored procedures?

sselect one or more

a.In user-defined function the default parameter is specified with a DEFAULT keyword----------ans

b.In user-defined function omitting the parameter also implies default value

c.User-defined functions do not support output parameters----------ans

d.User defined functions do support output parameters

16.As a good practice we should put HTML in which of the following?

I.View

II.Partial View

III.Semi-Partial View

select one:

a.I and II----------ans

b.II and III

c.I and III

d.I,II,III

18.What is the difference deterministic & non-determinstic scalar-valued function?

select one or more

a. A non-determiinstic function always returns the same result when it is called with a specific set of input parameters

b.A deterministic function always returns the same result when it is called with a specific set of input parameters----------ans

c.A non-deterministic function always returns the different results when it is called with a specific set of input parameters----------ans

d.A deterministic function always returns the different results when it is called with a specific set of input parameters

19.Which of the following option is Correct to turn off lazy loading for all the entities for BLogging Context?

select one:

a.public class BloggingContext :DbContext{public BloggingCOntext()
{this.Configuration.LazyLoadingEnabled =false;}}----------ans

b.public class BloggingContext :DbContext{public BloggingCOntext()
{this.Configuration.LazyLoadingEnabled =true;}}

c.public class BLoggingContext :DbContext{public BloggingCOntext()
{this.Configuration.LazyLoadingDisabled =true;}}

d.None

20.Which method in MOdelBuilder make sure that entity should have relationship with other entity?

select one:

a.Required

b.NeedRelationship

c.HasRequired----------ans

d.None

22.Which of the following are the attributes of System.ComponentModel.DataAnnotations.Schema class?

a. Timestamp----------ans

b. Model

c. ConcurrencyCheck----------ans

d. Entity

24.Which of the following statement is used to fetch an entity using composite key ?

select one:

a.Context.MYDbSetTableEntity.Find(key1,key2)----------ans

b.Context.MYDbSetTableEntity.Take(key1,Key2)

c.context.MyDbSetTableEntity.Include(key1,key2)

d.context.MyDbSetTableEntity.GetEntity(obj)

26.Which of the following are the properties of the HTTPConfiguration Class?

select one or more:

a.Stack Tree

b.Dependency Resolver---------ans

c.Message Handlers----------ans

d.Comparer

27.Choose the code to show alert on page.

select one:

a.alert("you have generated an alert box")

b.alert("you have generated an alert box");----------ans

c.None

d.alert(you have generated an alert box);

28.ObjectContext is a class.

state true or False

true----------ans

false

29.Using which system Storeprocedure the administrator will register the extended stored procedure DLL to the SQL server?

select one:

a.sp_ActiveDirectory_obj

b.sp_addextendedproc----------ans

c.sp_addlinkedsrvlogin

d.sp_addlinkedserver

30.Entity Framework can track changes to the model's objects.

True----------ans

FAlse

31.What type of authentication accepts login credentials that will be checked against the domain or local server and are sent in a hashed format?

select one:

a.BAsic Authentication

b.Digest Authentication----------ans

c.Forms Authentication

d.Windows Authentication

d.All

32.which of the following class provides you important methods to configure entities and its properites to override various code-first conventions?

select one

a.EntityCOntext

b.EntityTypeCOnfiguration----------ans

c.DBCOntext

d.ObjectContext

34.ObjectCOntext EF v4.0 and DbCOntext EF V4.1

True

FAlse

35.There can be one PreApplicationStartMethod per assembly.

True-------ans

False

36.In COnceptual model,which of the following defines relationship between two entity types?

select one:

a.Entity

b.Association----------ans

c.Object

d.None

37.Which of the following annontation is to EF that a particular property is required ?

select one:

a.Needed

b.required----------ans

c.Unique

d.Key

39.which of the following loads the related data inscalaar and navigation properties along with query result at first shot ?

select one :

a.LAzy Loading

b.Eager Loading----------ans

c.Explicitly Loading

d.Dynamic Loading

42.which class is used to execute an Entity SQL COmmand against an entity mode ?

select one

a.EntityCommand----------ans

b.EntityCOnnection

c.SqlCOmmand

d.None

43.which statement are true about an inline scalar function?

selct one or more

a.There is no functiion body----------ans

b.The function body defined in BEGIN ...END block contains a series of T-SQL statements----------ans

c.The scalar value is a result of a single statement----------ans

d.The scalar value is a result of all statements in the BEGIN...END block

45.To enable globalization ,whcih of the following parameters are set in auto mode?

select one or more

a.Languge

b.Culture----------ans

c.Localization

d.Uiculture----------ans

46.which of the following advantage does a strongly typed view have ?

select one:

a.Run time

b.Intellisense---------ans

c.faster buffering

d.loading

48.The controller class is responsible for the following processing stages:

selct one:

a.Locating the appropriate action method to call and validating that it can be called

b.Getting the values to use as the action method's arguments.

c.Handling all errors that might occur during the execution of the action method

d.All----------ans

51.Choose a unit test to check whether the partcipant A1 has covered half distance of total.

Select one

a.

```
[TestMethod]
{
  int total_distance=2;
  int distance_covered=10;
  int distance_left=10;

  Disatnce d1=new Distance("A1",total_distance)
  d1.covered(distance_covered);
  int left=d1.remaining;

  Assert.AreEqual(distance_left,left); ----------ans
```

```
}
```

b.

```
[TestMethod]
{
  int total_distance=2;
  int distance_covered=10;
  int distance_left=10;

  Disatnce d1=new Distance("A1",total_distance)
  d1.covered(distance_covered);
  int Left1=d1.remaining;

  Assert.AreEqual(distance_left.left);
}
```

c.

```
[TestMethod]
{
  int total_distance=2;
  int distance_covered=10;
  int distance_left=10;

  Disatnce d1=new Distance("A1",total_distance)
```

```
  d1.covered(distance_covered);

  int Left1=d1@remaining;


  Assert.AreEqual(distance_left.left);

}
```

d.All the listed options

53.What does the following code denote?(not sure)

```
DECLARE @odetails orderdetails;

SELECT @odetails =orderdetais::GetFirstItem();

PRINT @odetails.ToString();
```

Select one or more:

a.It denotes usage of Scope Resolution operator-----ans

b.It denotes usage of Compound operator

c.The operator is denoted by a::symbol-----ans

d.The operator provides access to public non-static memebers of acompind data type

e.The operator provides access to static memebers of a compund data type.

56.Which of the following model is the design model to include tables,stored procedures,views,keys and relatonship?

Select one:

a.Mapping

b.Conceptual----------ans

c.Storage

d.None of the listed options.

57.Views are used to control placement of_____.

Select one:

a.Object=----------ans

b.Property

c.data

d.File

58.Which of the following method of the ObjectStateManager is used to get Object State entry?

Select one:

a.TryGetObectStateEntry----------ans

b.ChangeObjectState

c.GetRelationshipManager

d.ChangeRelationshipState

59.Which of the following are database intialization strategies in EF Code First?

Select one or more:

a.CreateDatabaseIfNotExists----------ans

b.MigrateDatabaseToLatestVersion

c.CustomDBInitializer----------ans

d.AlterDatabasewithchanges

****

1) Which namespace is used to include NET data provider for SQL server?

a)System Data SqlClient----------Ans

b)System Data ComponentModel

c)System Data SqlProvider

d)System Data OracleClient

2) When you execute user-defined functions that return scalar values, hw are the parameters specified?

a)The argument values are enclosed in paranthesis

b)The argument values are not enclosed in paranthesis-------Ans

c)Parameter names can be specified----------Ans

d)If parameter names are specified the argument.....

3) Which libraries are added for XSS provision?

a)HTMLSerializationLibrary

b)CSRFLibrary

c)AntiXSSLibrary-------Ans

d)SecurityLibrary

6) LINQ to XML is based on in-memory XML programming interface

=> True-----Ans

7) You are given a task to restrict the user to enter the surname which shall not be more than 15 characters How you will achieve this/

=> [StringLength(15)]

public string Sname(get , set)---------Ans

8) Entity data model considers the business domain

=> True------Ans

10)Database model provides the normalized schema designed by the database administrator

=> True-------Ans

11)SELECT name AB object_name

.SCHEMA-NAME(schema_id) AB schema_name

.type-desc

.create_date

.modify_date

FROM sys objects

=> It uses the sys.objects catalog view--------Ans

=> It returns all databases objects that have been newly added in the last 10 days-------Ans

12)Match the following

=> Globalization is the process of = Making a product multi------Ans

=> Localization is the process of = Adapting a global product for a particular language and country---Ans

14)Which does the following syntax do?

CREATE TABLE T1(Col1 int primary key, Col2 xml)

=> It creates a column of type xml--------Ans

=> it creates an empty table------Ans

15)JsonResult Class has which of the following syntax?

=> public class JsonResult : ActionResult---------Ans

17)We can write raw sql query in SQLQyery() method in entity framework

=> True----Ans

****

PRAJAKTA

2..edmx file will create which of the following?

select one:

a.Entities & Relationships----------ans

b.Entities & keys

c.Entities

d.None

5.In which of the following the entities and relationships are created on the EDMX design surface?

select one:

a.Code First Approach

b.Model First Approach----------ans

c.Database Approach

d.None

7.What are available Database intializer in EntityFramework Code First model?

select one:

a.CreateDatabaseIfNotExists----------ans

b.DropCreateDatabaseWhenModelChanges

c.DropCreateDataabase Always

d.All

8.whenever a user clicks on a product, you have to make sure to ask him/her whether he/she sure about it or not .

which of the following would you choose ?

select one :

a.<%=Ajax.ActionLink("Click here","Sample". new AjaxOptions
(LoadingElementId="AONE",Question="Are you sure ?", Update
TargetId="ProductAone",})%>

b.<%=Ajax.ActionLink("Click here","Sample". new AjaxOptions
(LoadingElementId="AONE",Confirm="Are you sure ?", Update
TargetId="ProductAone",})%>----------ans

c.<%=Ajax.ActionLink("Click here","Sample". new AjaxOptions
(LoadingElementId="AONE",Query="Are you sure ?", Update TargetId="ProductAone",})%>

d.<%=Ajax.ActionLink("Click here","Sample". new AjaxOptions
(LoadingElementId="AONE",Ask="Are you sure ?", Update TargetId="ProductAone",})%>

11. Where can CLR functions be used?

select one or more:

a. CLR functions can be used to access external files----------ans

b. CLR functions can be used to access network resources----------ans

c. CLR functions can be used to configure the instance of SQL server

d. CLR functions can be used to access web services----------ans

e. CLR functions can be used to connect to other databases

12. which of the following are valid for a Contoller class?

a. Encapsulating presentation logic

b. handling all errors that might occur during the execution of the action method.----------ans

c. storing data in a persistent storage

d. getting the values to use as the action method's arguments----------ans

(https://msdn.microsoft.com/en-in/library/dd410269(v=vs.100).aspx)

13. what are available database initializers in EntityFramework Code first model?

a. CreateDatabaseifNotExists.----------ans

b. DropCreateDatabaseWhenModelCHanges

c. DropCreateDatabaseAlways----------ans

d. All given options

15. which of the following are used to locate the entities at ends of an association in a conceptual model?

a. Navigation properties----------ans

b. Attributes

c. Index

d. Proxy

16 and 21(both same options in diff order). which of the following code will provide custom error pages for 404 errors and general exceptions?

a. <system.web>

<customErrors mode=”RemoteOnly” defaultRedirect=”Error/GeneralException”>

<errorstatuscode=”404”redirect=ErrorController.Status404”/>

</customerrors>

</system.web>

----------ans a

b. <system.web>

<customErrors mode=”LocalOnly” defaultRedirect=”Error/GeneralException”>

<errorstatuscode=”404”redirect=ErrorController.Status404”/>

</customerrors>

</system.web>

<system.webServer>

<httpErrorserrormode=”Detailed”/>

</system.web>

c. <system.web>

<customErrors mode=”RemoteOnly” defaultRedirect=”Error/GeneralException”>

<errorstatuscode=”404”redirect=ErrorController.Status404”/>

</customerrors>

</system.web>

<system.webServer>

<httpErrorserrormode=”Detailed”/>

</system.web>

d. <system.web>

<customErrors mode=”RemoteOnly”>

<errorstatuscode=”404”redirect=ErrorController.Status404”/>

<errorstatuscode=”GeneralException”redirect=”Error/GeneralException”/>

</customerrors>

</system.web>

<system.webServer>

<httpErrorserrormode=”Detailed”/>

</system.web>

22. You want to return a file from the server which method you will use?

a. Display File

b. return file----------ans

c. download file

d. None

23. which of the followinf are used to locate the entities at the ends of an association in a conceptual model?

a. Navigation properties----------ans

b. attributes

c. Index

d. Proxy

25. Which of the following statements are true about AFTER Trigger?

Select one or more:

a. AFTER trigger executes after the statement that triggered it completes.----------ans

b. AFTER trigger executes after the last trigger in the queue.

c. if the statement fails with an error the trigger is not executed.----------ans

d. AFTER triggers cannot be specified for tables, they can only be specified for views

e. AFTER triggers cannot be specified for views, they can only be specified for tables.----------ans

29. Repeated

30. Localization is also known as.....

a. LCN

b. L10N----------ans

c. All

d. LOC-zation

32.The output cache contains a different version of the requested document for each combination of specified parameters is applicable for?

select one:

a.VaryByCustom

b.VaryByControl

c.VaryByParam----------ans

d.VaryByheader

34(Kajal).which of the following is an example of direct mapping?

select one:

a.modeBuilder.Entity<Product>().property(p=>p.ID).DirectMap("product_id");

b.modeBuilder.Entity<Product>().property(p=>p.ID)==("product_id");

c.modeBuilder.Entity<Product>().property(p=>p.ID)=("product_id");

d.modeBuilder.Entity<Product>().property(p=>p.ID).HasCoulmnName("product_id");----------ans

34(Prajakta). which of the following add-in is helpful in TDD?

I. coderush express

II. Test Express

a. None

b. II only

c. I only----------ans

d. Both I and II

42. which of the following are valid for a controller class ?

select one or more

a.Getting the values to usse as the action methods arguments----------ans

b.Handling errors that might occur dring the execution of the action method----------ans

c.storing data in a persistent storage

d.Encapsulating presentation logic

48.Resource files have _____ extension.

select one:

a. .rsrcx

b. .srcx

c. .resx----------ans

d. .src

55. which of the following class provides you important methods to configure entities and its properties to override various code first conventions?

select one:

a.EntityCOntext

b.EntityTypeCOnfiguration----------ans

c.DBContext

d.ObjectContext

57.when you are testing the value of variable "a" is not getting set and you need to have value of "a" before stating of test.

How will you solve this error?

select one:

a."Test.Initialize" public void Initialize() {var a="sometestvalue";}

b.[Testinitialize] public void Initialize() {var a="sometestvalue";}----------ans

c.[IntializeBeforeTest]public voidInitialize() {var a="sometestvalue";}

d.public void Initialize() {var a="sometestvalue";}

****

3.Which of the following statements is used to fetch an entity using composite key?

Select one:

a.context.MyDbSetTableEntity.Find(key1,key2)-----ans

b.context.MyDbSetTableEntity.Take(key1,key2)

c.context.MyDbSetTableEntity.Include(key1,key2)

d.context.MyDbSetTableEntity.GetEntityKey(Obj)

4.While testing,you are using dynamically generated test double.Which type of test double it is?

Select one:

a.Stubs-------ans

b.Fakes

c.None of the listed options

d.Mocks

6.Which of the following namespace supports code-first conventions?

Select one:

a.System.Data.Entity

b.System.Data.ComponentModel

c.System.Data.Entity.ModelConfiguration.Conventions----------ans

d.None of the listed options

7.What is "ExcuteStoreCommand" method?

Select one:

a.Run SQL statements in an Entity framework environment

b.Stores values in the model

c.excute xml data

d.None of the listed options.----------ans

8.What is the purpose of key annotation?

Select one:

a.To set the columns as Unique

b.To set the columns as required

c.To set the columns as primary key----------ans

d.To set the columns as foreign key

10.Which statement are true about Global Temporary stored procedure?

Select one or more:

a.A Global temporary procedure is available to all connections.----ans

b.A Global temporary procedre is available to all connections with explicit EXECUTE permission.

c.A Global temporary procedure is dropped when the clean-up function is called by the calling procedure.

d.A Global temporary procedure is dropped at the end of the last session using the procedure.-----ans

e.If a global temporary procedure is created,all users with EXCUTE permissions can access it & permissions can also be revoked explicitly.

15.You want a particular section of your site to be accessed by "Admins" only.Which of the following is the correct option to go about it?

Select one:

a.Allow=Admins

b.Access="Admins"

c.Authorize(Roles=Admins")------ans

d.(Authorize="Admins")

17.What will be the order of TDD steps:

I.Write enough code so that it passes the test.

II.Write a unit test.

III.Run the test again to watch it pass.

IV.Watch it fail.

Select one:

a.II,IV,I,II----------ans

b.III,I,II,IV

c.IV,I,II,III

d.II,I,IV,III

19.ajaxStart(callback)-What is the function of this method?

Select one:

a.Attach a class library to be executed, whenever an AJAX reqest begins and there is more tahn one active.

b.Attach a header to be executed,whenever an AJAX reqest begins and there is none already active.

c.Attach a function to be executed,whenever an AJAX reqest begins and there is none already active.----------ans

d.Attach a method to be executed,whenever an AJAX reqest begins and there is none already active.

23.What does the following Query do?

INSERT INTO docs

  SELECT 10,xCol FROM (SELECT * FROM OPENROWSET(BULK 'C:\temp\xmfile.xml',SINGLE_BLOB)AS xCol)AS R(xCol)

Select one:

a.It is typed XML insert statement.

b.Strong XML Data Generated Using FOR XML with TYPE Directive

c.A new row is inserted into the table named docs-------ans

d.Querying and Modifying XML Data.

Note:The INSERT statement in the following code segment reads the content of file C:\temp\xmlfile.xml as a BLOB by using OPENROWSET.

A new row is inserted into the table named docs with a value of 10 for the primary key and the BLOB for the XML column xCol.

A well-formedness check occurs when file content is assigned to the XML column.

24.Which of the following statements are TRUE?

I.Multiple entity sets can be defined using the same entity type.--true

II.An instance of a given type can only exist in one entity set.---ans

III.The entity key for the instance may not unique within the entity set.

Select one:

a.I and II-----ans

b.II and III

c.I and III

d.I,II and III

Note:The entity key for the instance is unique within the entity set.

26.How can we set primary key explicitly for an entity?

Select one:

a.ModelBuilder.CreateKey<Entity>(t=>t.keyColumnYouWant);

b.modelBuilder.Entity<Entity>().HasKey(t=>t.keyColumnYouWant);-----ans

c.ModelBuilder.Key<Entity>(t=>t.keycolumnYouWant);

d.None of the listed options.

27.Eager loading is the process of loading related entites/objects.

State True or False

Select one:

True---ans

False

32.You need to install A but it requires B.In this scenario,what will the Nuget download?

Select one:

a.Only A

b.It will throw an error----ans(build error will be thrown)

c.A & B

d.Only B

34.In which of the following options, Aggregate functions be used as Expressions?

Select one or more:

a.The select list of a SELECT statement(either a subquery or an outer query) -----ans

b.A COMPUTE or COMPUTE BY clause

c.A GROUP BY clause

d.A HAVING clause----ans

e.An OVER clause

36.Entity Framework(EF) is an Object/Relational mapping

State True or False

Select one:

True----true

False

39.Commands on console are implemented as powershell command.

State True or False.

Select one:

True---ans

False

40.Which of the following options are CORRECT about entity relationships?

I.n Entity Framework, an entity can be related to other entities through an association(realtionship)

II.Each relationship contains two ends that describe the entity type and the multiplicity of the type(one,zero-or-more,or many)for the two entites in that relationship.

Select one:

a.Only I

b.Only II

c.Neither I nor II

d.Both I and II.----ans

42.Code-First will create the database tables with the name of_____ properties in the context class.

Select one:

a.Entity

b.Oject

c.Model

d.Dbset----ans

43.What do you understand by RAW ajax?

Select one:

a.To communicate to business server making the use of "XMLHTTPREQUEST"

b.To communicate to database server making the use of "XSLREQUEST"

c.To communicate to client server making the use of "XMLHTTPREQUEST"

d.To communicate to database server making the use of "XMLHTTPREQUEST"----------
---ans

45.HTML helpers Supports the rendering of HTML controls in a view.

State True or False.

Select one:

True---ans

False

49.We can have more than 1 Web.config file in ASP.NET MVC3

State true or Fasle

Select one:

True---ans

False

Note:By creating web.config file in sub root folders we can use multiple web.config files in our application but each folder should contains only one web.config file.

53.Razor view files have Extention_____.

Select one:

a.cshtml----------ans

b.csxml

c.csxss

d.csaspx

56.Which of the following options are CORRECT about data annotations?

Select one:

a.DataAnnontations not only let you describe client and server side validation in your code first classes, but they also allow you to enchance and

even correct the assumptions that code first will make about your classes based on its conventions.

b.With DataAnnotations you can not only drive database schema generation, but you can also map your code first classes to a pre-existing database.

c.DataAnnotations provide only the most commonly needed configuration changes you can be make on your code first classes.

d.All the listed options---------ans

57.What does the Query exeuction plan define?

Select one or more:

a.The sequence in which the source tables are accessed.-----ans

b.The sequence in which the rows are accessed.

c.The methods used to extract data from each table------ans

d.The methods used to arrange data from each table.

58.Which of the following line of code will invoke the cart controllers ad method?

Select one:

a.return redirect("Cart/Add")

b.return View("Cart.Add")----------ans

c.return Content("Cart.Add")

d.Response.Redirect("Cart.aspx?Add")

59.If foreign key columns are not avaliable in the model, the relationships

are reffered with the object references instead of foreign key properties.What is this association called?

Select one:

a.Independent association----------ans

b.Dependent association

c.Relationship

d.EntityRelationship

****

1) Which of the following is the CORRECT option for getting the user whose name is "Raja" and to load all the roles related to the user eagerly?

a. var user = context.Users

.Where(b => b.Name !="Raja")

.Take(b => b.roles)

.FirstOrDefault();

b. var user = context.Users

.Where(b => b.Name =="Raja")

.Select(b => b.roles)

.FirstOrDefault();

c. var user = context.Users

.Where(b => b.Name =="Raja").....ans

.Include(b => b.roles)

.FirstOrDefault();

d. var user = context.Users

.Where(b => b.Name ="Raja")

.Take(b => b.roles)

.FirstOrDefault();

2) Which namespace is used to handle EntityClient provider?

a. System.Data.Annotations

b. None of the listed options

c. System.Transactions

d. System.Data.EntityClient.....ans

3) Which of the following Entity will create a table with the following specifications:

I. It should have FirstName and should be required

II. It should have LastName and should be required

III. Full Name must be FirstName LastName

iV. EmployeeID should be primary key

V. It should have DepartmentID

VI. Department Entity should be lazy loading

a. public class Employee

b. public class Employee

{

[key]

public string EmployeeID {get;set;}

public string FirstName {get;set;}

[DatabaseGenerated(DatabaseGeneratedOption.Computed)]

public string FullName

{

get{ return FirstName +"."+LastName;}

}

public string DepartmentID{get;set;}

public virtual Department Department{get;set;}.....ans

}

c. public class Employee

{

```
 [key]
 public string EmployeeID {get;set;}
 public string FirstName {get;set;}
 public string FullName {get;set;}
 public string DepartmentID {get;set;}
 public Department Department{get;set;}
}
```

d.
```
public class Employee
{
 public string EmployeeID {get;set;}
 public string FirstName {get;set;}
 public string FullName {get;set;}
 public string DepartmentID {get;set;}
 public Department Department{get;set;}
}
```

e.
```
public class Employee
{
 [key]
 public string EmployeeID {get;set;}
 public string FirstName {get;set;}
 public string DepartmentID {get;set;}
```

```
 public Department Department{get;set;}

}
```

4) What is meant by eagerly loading in entity framework?

a. Eager loading is the process whereby a query for one type of entity also loads related entities as part of the query.....ans

b. Eager loading is the process whereby a query for one type of entity also load related entities as part of the query on demand

c. None of the listed options

d. Eager loading is the process of query only the details mapped in the entity

5) DdContext is just a lightweight version of the ObjectContext class.

a. True.....ans

b. False

6) What is meant by Materialization in entity framework?

a. Materialization is the process of returning queries back to the client as CLR types.....ans

b. Materialization is the process of returning query results back to the client as entity types

c. Materialization is the process of returning query results back to the client as CLR types

d. None of the listed options

7) How to set maximum length for a column using entity framework?

a. modelBuilder.SetLength<Entity>().Property(t => t.Name).HasMaxLength(50)

b. modelBuiler.Entity<Entity>().Property(t => t.Name).HasMaxLength(50).....ans

c. moderlBuilder.SetMaxLength<Entity>().Property(t => t.Name).HasMaxLength(50)

d. None of the listed options

8) Which of the following statements are TRUE?

I. context.Configuration.ProxyCreationEnabled should be true.

II. context.Configuration.LazyLoadingEnabled should be true.

III. Navigation property should be defined as public, virtual. Context will NOT do lazy loading if the property is not defined as virtual.

a. I,II and III.....ans

b. II and III

c. I and III

d. I and II

Note:

Rules for lazy loading:

context.Configuration.ProxyCreationEnabled should be true.

context.Configuration.LazyLoadingEnabled should be true.

Navigation property should be defined as public, virtual. Context will NOT do lazy loading if the property is not defined as virtual.

9) Entity Framework will support in web services and WCF.

State True or False.

a. True .....ans

b. False

10) LINQ to XML is based on in-memory XML programming interface.

State True of False

a. True .....ans

b. False

11) How can we stop auto detection change in entity framework?

a. context.Configuration.AutoDetectChangesDisable = false;

b. context.Configuration.AutoDetectChangesEnabled = false;.....ans

c. context.Configuration.AutoDetectChangesEnabled = true;

d. context.Configuration.AutoDetectChangesDisable = true.

12) which of the following object is used to track changes, manage entities, concurrency and relationship of the entities?

a. DbContext

b. EntityDataModel.....ans

c. Entity

d. None of the listed options

13) DbContxt.ChangeTracker Property Provides access to features of the context that deal with change tracking of entities. State True or False.

a. True.....ans

b. False

14) Which of the following snippet creates database in local sql express by default?

I. public class Context: DbContext

{

public Context(): base()

{

}

}

II. public class Context: DbContext

{

public Context(): base("DB Name")

}

}

}

III. public class Context: DbContext

{

public SchoolDBContext(): base("name=EduDB")

{

}

}

a. I,II and III

b. I and II

c. I and III----ans

d. II and III

15) In foreign key association when the relationship changed, the Entity state of the dependent object will change to EntityState.Modified from EntityState.Unchanged.

state True or False

a. True.....ans

b. False

16) Which of the following is the default database initializer in Entity framework?(default initializer)

a. CreateDatabaseIfNotExists.....ans

b. DropCreateDatabaseAlways----ans

c. DropCreateDatabaseIfModelChanges----ans

d. DropDatabaseAlways

Note:1.CreateDatabaseIfNotExists 2.DropCreateDatabaseIfModelChanges
3.DropCreateDatabaseAlways 4.Custom DB Initializer are the 4 DB initializer

17) Which of the following is CORRECT for the sql implementation of the below linq query
from s in context.Students from c in s.Courses where s.StandardId == 1 select new {s.Student,c}

a. SELECT

[Extent1].[StudentId]AS[StudentID],

[Extent1].[StudentName]AS[StudentName],

[Join1].[CourseId1]AS[CourseId],

[Join1].[CourseName]As[CouseName],

[Join1].[Location]As[Location],

[Join1].[TeacherId]AS[TeacherId]

FROM [dbo].[Student]AS[Extent1]

INNER JOIN
(SELECT[Extent2].[StudentId]AS[StudentId],[Extent3].[CourseId]AS[CourseId1],[Extent3].[CourseName]AS[CourseName],[Extent3].[Location]AS[Location],[Extent3].[TeacherId]AS[TeacherId]

FROM [dbo].[StudentCourse]AS[Extent2]

INNER JOIN[dbo].[Course]AS[Extent3]ON[Extent3].[CourseId] = [Extent2].[CourseId]
) AS [Join1]ON[Extent[1].[StudentID] = [Join1].[StudentId]

WHERE 1 = [Extent1].[StandardID]

b.SELECT

[Extent1].[StudentId]AS[StudentID],

[Extent1].[StudentName]AS[StudentName],

[Join1].[CourseId1]AS[CourseId],

[Join1].[CourseName]As[CouseName],

[Join1].[Location]As[Location],

[Join1].[TeacherId]AS[TeacherId]

FROM [dbo].[Student]AS[Extent1]

INNER JOIN
(SELECT[Extent2].[StudentId]AS[StudentId],[Extent3].[CourseId]AS[CourseId1].[Extent3].[CourseName]

[Join1].[CourseId1]AS[CourseId],

[Join1].[CourseName]AS[CouseName],

[Join1].[Location]As[Location],

[Join1].[TeacherId]AS[TeacherId]

FROM [dbo].[Student]AS[Extent1]

INNER JOIN
(SELECT[Extent2].[StudentId]AS[StudentId],[Extent3].[CourseId]AS[CourseId1],[Extent3].[CourseName]AS[CourseName],[Extent3].[Location]AS[Location],[Extent3].[TeacherId]AS[TeacherId]

FROM [dbo].[StudentCourse]AS[Extent2]

OUTER JOIN[dbo].[Course]AS[Extent3]ON[Extent3].[CourseId] = [Extent2].[CourseId]
) AS [Join1]ON[Extent[1].[StudentID] = [Join1].[StudentId]

WHERE 1 = [Extent1].[StandardID]

c. None of the listed options

d. SELECT

[Extent1].[StudentId]AS[StudentID],

[Extent1].[StudentName]AS[StudentName],

[Join1].[CourseId1]AS[CourseId],

[Join1].[CourseName]As[CouseName],

[Join1].[Location]As[Location],

[Join1].[TeacherId]AS[TeacherId]

FROM [dbo].[Student]AS[Extent1]

Group by
(SELECT[Extent2].[StudentId]AS[StudentId],[Extent3].[CourseId]AS[CourseId1],[Extent3].[CourseName]AS[CourseName],[Extent3].[Location]AS[Location],[Extent3].[TeacherId]AS[TeacherId]

FROM [dbo].[StudentCourse]AS[Extent2]

OUTER JOIN[dbo].[Course]AS[Extent3]ON[Extent3].[CourseId] = [Extent2].[CourseId]) AS [Join1]ON[Extent[1].[StudentID] = [Join1].[StudentId]

WHERE 1 = [Extent1].[StandardID]

18) Eager loading returns all of the objects including the related objects. State True or False.

a. True----ans

b. False

19) Which of the following are the attributes of System.ComponentModel.DataAnnotations.Schema class?

a. ForeignKey

b. Model

c. Column.....ans

d. Entity

20) Which of the following are the benefits of Entity framework?

a. Mapping manual

b. None of the listed options----------ans

c. Auto generate code

d. Reducing development time

21) In Lazy loading, the navigation property has to be declared as:

a. public.....ans

b. static

c. virtual.....ans

d. proxy

22) Which of the followings are database initialization strategies in EF Code First?

a. CustomDBInitializer.....ans

b. CreateDatabaseIfNotExists.....ans

c. MigrateDatabaseToLatestVersion

d. AlterDatabasewithchanges

23) If we use database first generation a DbContext is generated by default. State True or False

a. True.....ans

b. False

24) By default, the Entity Framework will generate the database queries and update commands when your code interacts with the model. State True or False.

a. True .....ans

b. False

25) Which method in the DBContext writes inserts, updates, and deletes to the data source?

a. SaveChanges.....ans

b. All of the listed options

c. Save

d. SaveEntity

26) Linq to Entity Query results are usually returned as which of the following?

a. Linq to objects

b. A collection of zero or more typed entity objects or a projection of complex types defined in the conceptual model.....ans

c. All of the listed options

d. Anonymous types.....ans

e. Inline collections.....ans

After a LINQ to Entities query is converted to command trees and executed, the query results are usually returned as one of the following:

A collection of zero or more typed entity objects or a projection of complex types in the conceptual model.

CLR types supported by the conceptual model.

Inline collections.

Anonymous types.

27) Which of the following is used to define plain old CLR Objects that are NoT related to certain persistence technology?

a. Persistence Ignorance.....ans

b. None of the listed options

c. Self-Tracking Entities

d. Deferred or Lazy Loading

The DataRelation object is used to add relationship between two DataTable objects. What are ... Persistence Ignorance -

Facilitates you to define your own Plain Old CLR Objects (POCO)

which are independent of any specific persistence technology.

28) How can we disable proxy object creation in POCO?

a. context.ContextOptions.ProxyCreationEnabled = false;.....ans

b. context.ContextOptions.ProxyEnabled = false;

c. context.ContextOptions.Enabled = false;

d. context.ContextOptions.Proxy = false;

29) Which of the following class is used to programmatically create connection string and parse existing connecting string to create attributes and methods for the class?

a. EntityConnectionStringBuilder.....ans

b. EntityClientProvider

c. EntityContext

d. EntityConnection

30) How can we Update UnitPrice of Product?

a. NorthwindEntities dbContext = new NorthwindEntities();

Product product = dbContext.ProductSet.Single(p=> p.ProductName == "Aniseed Syrup");

product.UnitPrice = 1000;

dbContext.Update();

b. NorthwindEntities dbContext = new NorthwindEntities();

Product product = dbContext.ProductSet.Single(p=> p.ProductName == "Aniseed Syrup");.....ans

product.UnitPrice = 1000;

dbContext.SaveChanges();

c. NorthwindEntities dbContext = new NorthwindEntities();

Product product = dbContext.ProductSet.Single(p=> p.ProductName == "Aniseed Syrup");

product.UnitPrice = 1000;

dbContext.UpdateChanges();

d. NorthwindEntities dbContext = new NorthwindEntities();

Product product = dbContext.ProductSet.Single(p=> p.ProductName == "Aniseed Syrup");

product.UnitPrice = 1000;

dbContext.Save();

31.which of the following is used to manipulating dataset using linq?

a.LINQ to dataset.....ans

b.none of these

c.LINQ TO SQL

d.LINQ TO XML

32.a POCO class will not be inherited from entity object class

state true or false

a.true.....ans

b.false

33.database model provides the normalised schema designed by the database administrator

state true or false

a. true

b.false

34.when you use the using statement,then compiler automatically creates a try/finally block and calls dispose in the finally block.

state true or false

a.true.....ans

b.false

35.which of the following property is used to map two seperate types in the storage model?

select one

a.split entity.....ans

b.scalar property

c.association

d.none of these

Note:scalar property:A property of an entity that maps to a single field in the storage model

split entity:An entity type that is mapped to two separate types in the storage model.

36.which namespace is used to include .net data provider for sql server?

a.system.data.sqlprovider

b.system.data.oracleclient

c.system.data.componentmodel

d.system.data.sqlclient.....ans

37.POCO templateused to generatewhich of the following?

select one

a.none of these

b.persistance ignorant modeltypes

c.persistance ignorant entity types.....anss

d.persistance ignorant object types

Note:

POCO Entities

POCO stands for "plain-old" CLR objects which can be used as existing domain objects with your data model.

POCO data classes which are mapped to entities are defined in a data model.

It also supports most of the same query, insert, update, and delete behaviors as entity types that are generated by the Entity Data Model tools.

You can use the POCO template to generate persistence-ignorant entity types from a conceptual model.

38.entity model support quering only entities defined in entity datamodel

state true or false

a. true

b.false

Note:The Entity Framework even supports mapping entities in the conceptual model to stored procedures in the data source.

39.when the foreign key columns are not included in the model,the association information is managedas an independent object

state true or false

a.true.....ans

b.false

40.entity framework supports automatic change tracking of the loaded entities during the life time of the context

state true or false

a.true.....ans

b.false

41.what is the purpose of the sysytem.componentmodel.dataannotation namespace?

select one

a.none of these

b.data first approach to use [key] attribute

c.code first approach to use [key] attribute.....ans

d.model first to use [key] attribute

42.how can we mark properties in the entity framework to be ignored?

select one

a.[remove]

b.[ignored]

c.[notmapped].....ans

d.none of these

43.which of the following statements are TRUE?

I.in an entity framework application data is loaded from the file with the extension.csdl

II.mapping information is publicaly accessible

III.the entity framework uses the metadata in the mapping types to translate queries against the conceptual model to data source specific commands

select one:

a.II & III

b.I & II

c.I.II & III

d.I & III.....ans

44.savechanges() will be raised exception when which of the following object is added to the objectcontext and it cannot be successfully created in the data source?

select one:

a.saveexception

b.changeexception

c.updateexception.....ans

d.DBexception

Note:

SaveChanges can generate an UpdateException when an object added to the ObjectContext cannot be successfully created in the data source.

This can happen if a row with the foreign key specified by the relationship already exists

45.when a linq entities query is excecuted.

select one:

(ans) a.some expressions in the query might be executed on the server and some parts might be executed locally on the client.client-side evaluaion of an expression takes place before the query is executed on the server.....ans

b.some expressions in the query might be executed on the server and some parts might be executed locally on the server.client-side evaluaion of an expression takes place before the query is executed on the server.

c.none of these

d.some expressions in the query might be executed on the server and some parts might be executed locally on the client.server-side evaluaion of an expression takes place before the query is executed on the server.

46.which of the following annotation validates property whether it has minimum length of the array or string?

select one:

a.none of these

b.arraylength

c.minlength.....ans

d.lengthofarray

47.table splitting enables which of the following?

select one:

a.to map two tables to multiples entities

b.to map a single table to multiple entities.....ans

c.to map a single entity to multiple tables

d.to map a single schema to multiple entities

48.how can we enable concurrency mode in entity framework?

select one:

a.<property name="status" type="byte" nullable="false" concurrencymode="true"/>

b.<property name="status" type="byte" nullable="false" concurrencymode="enabled"/>

c.<property name="status" type="byte" nullable="false" concurrencymode="yes"/>

d.<property name="status" type="byte" nullable="false" concurrencymode="fixed"/>.....ans

49.the _____ class supports both LINQ to entities and entitySQL queries against a conceptual model.

select one:

a.entitytosql.....ans(may be)

b.none of these

c.objectquery

d.sqlquery

50.which of the following is true about overlapping keys?

select one:

a.to change a foreign key association that includes overlapping keys,it is recommend to modify the foreign key values instead of using the object references.

b.overlapping keys are composite keys where some properties in the key are also part of another key in the entity

c.all of these.....ans

d.you cannot have an overlapping key in an independent association

51.which of the following annotation is used to mark one or more properties to be used for concurrency checking while user modifies in an entity?

select one:

a.concurrencycheck.....ans

b.none of these

c.entitycheck

d.databasecheck

52.which class is responsible for interacting data as object in the entity framework?

select one:

a.entity

b.entitycontext

c.DBset

d.DBcontext.....ans

53.which of the following option is CORRECT about navigation property?

select one:

a.navigation properties provide a way to navigate an association between two entity types.

b.every object can have a navigation property for every relationship in which it participates.

c.navigation properties allow you to navigate and manage relationships in both directions,returning either a reference object(if the multiplicity is either one or zero-or-0ne)or collection(if the multiplicity is many)

d.all of these.....ans

54.which annotation is used when you have multiple relationships between classes?

select one:

a.onmultiplerelation

b.required

c.foreign key

d.inverse property.....ans

55.entity state property is enum type

state true or false

select one:

a.true.....ans(may be)

b.false

56.how can we get objectcontext from DBcontext?

select one:

a.DBcontext.context

b.DBcontext.getobjectcontext()

c.none of these

d.((lobjectcontextadaptor)db).objectcontext;.....ans

57.which of the following is the fullform of CSDL?

select one:

a.conceptual set definition language

b.conceptual schema definition language.....ans

c.conceptual select definition language

d.conceptual selectdata definition language

58.find the correct code to execute sql raw query in the entity frameqwork from the following

select one:

a.using(var ctx = new schoolDBentities())

```
 {
        varstudentlist = ctx.students.sql("select*from student").tolist<student>();
 }
```

b.none of these

c.using(var ctx = new schoolDBentities())

```
 {
        varstudentlist = ctx.students.execute("select*from student").tolist<student>();
 }
```

d.using(var ctx = new schoolDBentities())

{

varstudentlist = ctx.students.sqlquery("select*from student").tolist<student>();.....ans

}

59.which of the following statements are true?

I.the compiled query class provides compilation and caching of queries for reuse

II.execute method is to created a new delegates to represent the compiled query

III.once the query is compiled you can only supply parameters of primitive type but you cannot replace parts of the query that would change the generated SQL.

select one:

a.II & III

b.I,II & III.....ans

C.I & III

d.I & II

60.which of the following provider is used to access data in the conceptual model?

select one:

a.sqlclientprovider

b.entitycontexy

c.entity model provider

d.entity client provider.....ans

****

1)which data types cannot be return types of scalar function?

a)text----------ans

b)ntext----------ans

c)integer

d)image----------ans

e)cursor----------ans

2)which class provides the rsults by executing command in conceptual model?

a)entitydatareader----------ans

b)Dbcontext

c)objectcontext

d)entityconnection

3)which of the following is the ability to add and use your own data classes along

with your data model?

a)entityobject

b)dbcontext.context----------ANS

c)poco

d)none

4)razor syntax have intellisense

true or false

true------ans

5)how do aggregate functions work?

a)they work only on integer values

b)they ignore null values----------ans

c)they perform a calculation on a set of values and return a single/summarized value----------ans

d)they frequently used with the group by clause of the select statement------ans

e)they cannot be used with the group by clause of the select statement

6)how does external_access permission set work?

a)allow access only to external assemblies with minimal access to internal computation

b)allows access to internal computations

c)allow access to external system resource such as files,networks and environment variables----------ans

d)allow access to registry

7)what does linq to sql do?

a)it enables you to query data using datacontext

b)it provides tightly coupled approach

only 1

only 2

both 1 and 2----------ans

none

8)if we want to create a backward compatible application which of the following view engine will be preferred in mvc3?

a)sparx

b)aspx

c)razor------ans

d)Nhaml

9)what is the significance of instead of argument of the create trigger statement?

a)specifies that the DML trigger is executed instead of the triggering sql statement

b)it overrides the actions of the triggeering statements----------ANS

c)it can be specified for DDL or logon triggers----------ANS

d)it can not be specified for DDL or logon triggers

10)what will be the output of the following code:-

public actionresult search(string idea ="a"){

return view();

}

1)it will set the default value of string idea to "a"

2)it will set the default pointer of idea to "a"

only 1----------ANS

only 2

both 1 and 2

none

11)what are the query considerations for using clustered indexes?

a)use clustered index when a query returns a range of values by using operators such as between >,>=,<,<=----------ans

b)use clustered index when a query returns largs resultsets----------ans

c)use clustered index when a query needs to handle null values

d)use clustered index when a query uses join clauses----------ans

e)use clustered index when a query uses group by or order by clauses----------ans

12)The _____class supports both linq to entities sql queries agaimst a conceptual model

a)sqlquery

b)objectquery----------ans

c)entitytosql

d)none

13)TDD uses _____to drive the design of software?

a)red-green-refractor----------ANS

b)unit debug

c)unit test

d)regression test

14)which of the followin are true?

a)the entity framework lifetime of the context begins when the instance is created and ends when the instance is either disposed or garbage collected----------ans

b)the lifetime of the context begins when the application starts--------ans

c)the primary class that is responsible for interacting with data as objects is system.data.entity.dbcontext------ans

d)dB ENTITY PROPERTIES repersent collections of the specified entites in the context

15)Nunit have many dependencies

true or false

ANS:true

16)what is the significance of the results apne of the query designer?

a)it shows a grid with data retrieved by the query or view--------ans

b)it shows the results of the most recently executed select query-----ans

c)it shows the query syntax

d)you can modify the database by editing values in the cells of the grid--ans

e)you can add or delete rows------ans

17)entitystate property is enum type.

true or false

true-----ans

18)what should be tested a controller?

1)proper actionresult are returned or not

2)proper model are build or not

A)2 ONLY

B)BOTH

C)NONE

D)1 ONLY----------ANS

19)which of the following two are name types of sql server files?

a)physical_file_name

b)logical_file_name----------ans

c)primary_file_name

d)os_file_name-------ans

20)i have a table blog which i want to split into two blog.which of the followin is the correct snippet?

a)protected override void OnModelCreating(DbModelBuilder modelBuilder){modelBuilder.Entity<Blog>().HasRequired(e=>e.BlogAbout).WithRequiredPrincipal();modelBuilder.Entity<Blog>().ToTable("Blogs");modelBuilder.Entity<BlogAbout>().ToTable("Blogs");}

b)protected override void OnModelCreating(DbModelBuilder modelBuilder){modelBuilder.Entity<Blog>().ToTable("Blogs");modelBuilder.Entity<BlogAbou

t>().ToTable("Blogs");}----------ANS

c)protected override void OnModelCreating(DbModelBuilder modelBuilder){modelBuilder.Entity<Blog>().HasRequired(e=>e.BlogAbout).WithRequiredPrincipal();}

d)protected override void OnModelCreating(DbModelBuilder modelBuilder){modelBuilder.Entity<Blog>().HasRequired(e=>e.BlogAbout)modelBuilder.Entity<Blog>().ToTable("Blogs");modelBuilder.Entity<BlogAbout>().ToTable("Blogs");}

21.----inproves the performance of ASP.NET MVC application drastically.

a.Output profiling

b.Output Regeneration

c.Output updation

d.output caching---------ans

22.Which of the following argument of the CREATE TRIGGER statement specifies

the security context under which the trigger is executed?

a.ALL SERVER

b.WITH ENCRYPTION

C.EXECUTE AS----------ans

D.INSTEAD OF

23.How can we disable proxy object creation in POCO?

a.context.ContextOptions.Enabled=false;

b.context.ContextOptions.Proxy=false;

c.context.ContextOptions.ProxyEnabled=false;

d.context.ContextOptions.ProxyCreationEnabled=false;----------ans

24.Which of the package can be used to write an implementation for ASP.NET Identity

that targets different persistence stores such as Azure Table storage.NoSQL database etc

a.Microosoft.asp.net identity.OWIN

b.Microosoft.asp.net security

c.Microosoft.asp.net identity.core---------ans

d.Microosoft.asp.net identity.EntityFramework

25.Which of the following statements are TRUE?(MULTIPLE ANS)

I.edmx file is an XML.file

II.which declares a conceptual model,storage model and mapping between these models

III.It divided into three categorieS SSDL,CSDL and MSL

Select one:

a.I and II

b. II and III

c. I and III

d.I,II and III----------ANS

26.You dont want to allow anyone to do any change to the code being deployed on

production server.what will be the solution?

a.Uncheck "Allow this precompiled site to update" under Output Assemblies-->Compilation----------ANS

b.Uncheck "Allow this precompiled site to update" under configuration-->Compilation

c.Uncheck "Allow this precompiled site to update" under signing-->Compilation

d.Uncheck "Allow this precompiled site to update" under deployment-->Compilation

27.You have a certain number of products with price ranging from high to low to medium. You want to filter products by their respective price range.Which of the following option will fulfill this conditions?

a.[...

@using(Html.BeginForm("index","Range"))

{

Html.DropDownList("Product",new selectList(viewBag.Ranges))

<input type="submit" value="filter"/>

}

...]

b.[...

@using(Html.BeginForm("index","Product"))

{

Html.DropDownList("Range",new selectList(viewBag.Ranges))

<input type="password" value="filter"/>

}

...]

c.[...

@using(Html.BeginForm("index","Product"))

{

Html.DropDownList("Range",new selectList(viewKnapsack.Ranges))

<input type="submit" value="filter"/>

}

...]

d.[... ----------ANS

@using(Html.BeginForm("index","Product"))

{

Html.DropDownList("Range",new selectList(viewBag.Ranges))

<input type="submit" value="filter"/>

}

...]

28.You are given a task by your manager that includes assembly binding. Which file would you configure?

a.system.configuration

b.web.config

c.machine.config----------ANS

d.config.config

29.what happens when you create a primary key constraint?

a.Unique index on the column ,or columns is automatically created which is by default nonclustered

b.Unique index on the column ,or columns is automatically created which is by default clustered----------ANS

c.Unique index on the column ,or columns is automatically created which is by default spatial

d.Unique index on the column ,or columns is automatically created which is by default XML

30.which of the following keyword is used for lazy loading related data in entity framework?

a.protected

b.virtual----------ANS

c.const

d.abstract

31.what is stored procedure? choose all relevant options

a.a collection of compiled T-SQL commands that are directly accessible by SQL SERVER ----------ans

B.A COLLECTION of commands written in any base .net language that are directly

accessible by DQL server

c.commands placed in a stored procedure are interpreted one line at a time during execution

d,commands placed in a stored procedure are executed as one batch----------ans

e.stored procedures reduce network traffic

32.which command will remove the package

a.uninstall-package packagename ---------- ans

b. delete package

c.remove packagename

d.none of the lists

Ref Link: http://stackoverflow.com/questions/17653633/uninstall-entityframework-using-the-package-manager-console

33.choose a unit test to check whether the participant A1 has covered half the ditance of total

a.[TestMethod]

{

int total_distance=2;

int distance_covered=10;

int distance_left=10;

Distance d1=new Distance("A1",total_distance); ---------- ans

d1.covered(distance_covered);

int Left=d1.remaining;

Assert.AreEqual(distance_left,Left);

}

b.[TestMethod]

{

int total_distance=2;

```
int distance_covered=10;

int distance_left=10;

Distance d1=new Distance("A1",total_distance);

d1.covered(distance_covered);

int Left=d1@remaining;


Assert.AreEqual(distance_left,Left);

}
```

c.All of the lists

```
d.[TestMethod]

{

int total_distance=2;

int distance_covered=10;

int distance_left=10;

Distance d1=new Distance("A1",total_distance);

d1.covered(distance_covered);

int Left1=d1.remaining;


Assert.AreEqual(distance_left,Left);

}
```

34.BindModel(ControllerContext.ModelBindingContext)- this is correct for the BindModel method

a.True ----------ans

b.False

35.

36.which class is used to execute an entity SQL command against an entity mode?

a.EntityCommand ----------ans

b.EntityConnection

c.sqlCommand

d.None of the lists

37.proxy objects can be serialized and deserialized with binary serialization

a.true ----------ans

b.false

38.If we use database first generation a DbContext is generated by default

a.True----------ans

b.False

39.SQL server 2008 security model is based on three categories that seperate

the basic elements of security.Which among the following are those?(Multiple ans)

a.Principles ----------ans

b.Constraints

c.Securables ----------ans

d.Permissions ----------ans

40.How is the support for XML integrated into SQL server?(multiple ans)

a.Support for the xml data type ----------ans

b.Ability to specify an XQuery against XML data stored in columns and variables of the xml type----------ans

c.Ability to handle bulk loading of xml data ----------ans

d.ability to merge xml

Q.41 which of the following is the default database iitializer in entity framework?

a CreateDatababaseifnotexists ----------ans

b DropCreateDatabaseifModelChanges

c DropCreateDtabaseAlways

d DropDtabaseAlways

Q42 Which namespace is used to handle EntityClient provider?

a System.Data.EntityClient ----------ans

b System.Transactions

c System.Data.Annotations

d None of the listed options

Q.43 We can create entity framework without existing database

State True or False

a True

b False

Q.44 Which of the following statements are true about Clustered index?

a A Clustered index sorts and stores the data rows of the table or view in order based on the clustered index key.----------ans

b A Clustered index sorts and stores the data columns of the table or view in order based on the clustered index key.

c A clustered index is implemented as a B-tree index structure.----------ans

d A clustered index is implemented as a Linked -list structure.

Q.45 Entity Framework provide us with which of thefollowing attribute to indicate multiple relationships between two tables?

a [InsertProperty]

b [InverseProperty]----------ans

c [InProperty]

d None of the listed options

Q.46 Conceptual model properties are not same as the properties created in .edmx file. State True or False

a True

b False----------ans

Q.47 Which of the following method of the ObjectStateManager is used to get Object State entry?

a TryGetObjectStateEntry

b ChangeObjectState ----------ans

c GetRelationshipManager

d ChangeRelationshipState

Q.48 Commands on console are implemented as powershell command.

State True or False

a True----------ans

b False

Q.49 GlobalFilters.Filters.Add(new SampleFilter()); - What will the above piece of code do?

a It is not possible to add new filter,so it will give an error.

b It will add customer filter "SampleFilter" to the GlobalFilters.----------ans

c None of the listed options

d It will move built insample filter to the Global Filter.

Q.50 Repeated

Q.51 How can we insert Products with new Category?

a NorthwindEntities dbContext = new NorthwindEntities();("same everywhere only last line changes")dbContext.SaveChanges();----------ans

b NorthwindEntities dbContext = new NorthwindEntities();("same everywhere only last line changes")dbContext.AddChanges();

c NorthwindEntities dbContext = new NorthwindEntities();("same everywhere only last line changes")dbContext.InsertChanges();

d NorthwindEntities dbContext = new NorthwindEntities();("same everywhere only last line changes")dbContext.Insert();

Q.52 Read the description & identify which method it belongs to.:-"Initializes a new instance of the HtmlHelper class by using

the specified view context,view data container,and route collection."

a public.HtmlHelper(|ViewContext viewContext,ViewDataContainer viewDataContainer,RouteCollection routeCollection)

b public.HtmlHelper(ViewContext viewContext,|ViewDataContainer viewDataContainer,RouteCollection routeCollection)----------ans

c public.HtmlHelper(ViewContext viewContext,ViewDataContainer viewDataContainer,|RouteCollection routeCollection)

d public.HtmlHelper(@viewContext,@viewDataContainer,@routeCollection)

Q.53 What doesa Dependency resolver() do?

a Creates a new dependency

b Creates a new interface

c Initializes a new interface

d Initializes a new instance of the DependencyResolver Class----------ans

Q.54 Which ActinResult rediects to another action method?

a All of the listed options.

b RediredtToAction----------ans

c ForwardTo

d ActionRedirect

Q.55 Read the Followinfdefinition and choose the correct option ----" Contains methods to create types of objects locally or

remotely, or obtain references to existiong remote objects.

a ModelBlinder

b Dependency Resolver

c Activator----------ans

d Validator

q.56 Which of the following class is used to programmatically create connection string and parse existing connecting string

to create attributes and methods for the class?

a EntityConnection

b EntityClientProvider

c EntityConnectionStringBuilder ----------ans

d EntityContext

Q.57 Which of these are jQuery Event metods?

a focus()----------ans

b mouseenter()----------ans

c on()----------ans

d hover()----------ans

Q.58 Do we have a console option in the Nuget?

a Maybe

b Yes----------ans

c no

d None of the listed options

Q.59 Find the object query methods from the following

a Distinct

b Except

c GroupBy

d All of the listed options----------ans

Q.60 You are handling page ofan event. Now the content and information you have cached so that it is loading quickly but you

need to keep the clock which shows time for the event dynamic. which of the following will be helpful?

a <%DateTime(t.now);%)

b <%Response.WriteSubstitution(t=>DateTime.Now.ToLongTimeString());%> ----------ans

c <% var c=dynamic.DateTime()%>

d <%session s= new session["Time"];>

added

JASBIR

1)natasha is trying to access a page but she is not able to do it.

on the other hand when john logged in via his credentials he could .what may be the reason?

a)webserver credential overriding

b)role based access------- ANS

c)url cutomization

d)account rendering

2) LINQ stands for

ans) Language integrated query

3)if foreign key coloumns are not available in the model , the relationship are reffered with the object references instead of

foreign key properties .what is the association called??

a)independent association --------ans

b)dependent association

c)relationship

d)entityrelationship

4)which all index options can be set without rebuilding the index?

a)allow_page_locks----------ans

b)allow_row_locks----------ans

c)ignore_dup_keys----------ans

d)data_compression

e)statistics_norecompute----------ans

5)a query is an expression that retrieves data from a data source?

true ----------ans

false

6)for any injection ,we use

a)[inject]

b)none ----------ANS

c) [injection creato]

d) [inject initialze]

7)which of the following is not a HtmlHelper?

a)LabelFor

b)EditorFor

c)ValidationMessageFor

d)None of the listed options----------ans

8)how can we disable proxy object creation in POCO?

A) CONTEXT.CONTEXTOPTIONS.ENABLED = FALSE;

B)CONTEXT.CONTEXTOPTIONS.PROXY=FALSE;

A) CONTEXT.CONTEXTOPTIONS.PROXYENABLED = FALSE;

B)CONTEXT.CONTEXTOPTIONS.PROXYCREATIONENABLED = FALSE;----------ANS

9)SaveChanges() will be raised exception when which of the following object is added to the

objectcontext and it cannot be successfully created in the data source?

a)DbException

b)Savexception

c)ChangeException

d)UpdateException----------ans

10)Activator class cannot be inherited?

true--------answer

false

11)which of the following class object is used for manipulatiing entity and trigger the changes while insert

,delete and update on the entity?

a) DbContext

b) DataContext

c)MOdel-defined Functions

d) None----------doubt

12)_____is an xml-based language which describes the entities, functions and relationships which create a conceptual model of an application?

a) conceptual schema definition language----------ans

13)Which of the following mapping is supported by Fluent Api?

a) Model-wide mapping

b)entity mapping

c) property mapping

d) all ----------answer

14)what are the significance of recovery model setting??

a)it determines how much data can be recovered in the event of a media failure----------ans

b) it determines the location where the data should be recovered in the event of a media failure

c)the default recovery is full , which provieds the greatest level of recovery----------ans

d) the default is partial which provides the greatest level of recovery

15)Which statements are true about rank function?

a)it returns the rank of each row in the table within the partition of a database----------ans

b) the rank of a row is equal to the number of ranks that comes before the row in question

c) the rank of a row is one plus the number of ranks that comes before the row in question------ans

d)the rank function returns consecutive integers

e) the rank function does not always return consecutive integers----------ans

18)which of the following should you to choose to activate buildview property in asp.net?

ans) <MvcBuildViews>true</MvcBuildViews>

19)which of the foolowing is the full for for ssdl

ans)Storage Schema Definition Language

20)dependencyresolver() is destructor?

ans)false

21)how is the data of partition tables managed?

(a)The data of aprtioned tables and indexes is divided into units .....ans

(b) the data is partitioned horizontally,.....ans

(d) The table or index is treated as single logical entity.---ans

25)which statements are true about large clr user defined types?

(a) Extend exisiting SQL Server Type Sysytem.----------ans

(c)Allow you to store CLR objects in SQL Server Database.----------ans

26)how can we delete the database on the database server if it exists?

ans)Delete(DbConnection)

28)which one of the following are the properties of the HTTPcONFIGURATION CLASS?

a) Dependency Resolver--ans

(c) Mesaage Handlers--ans

29)choose handle error attribute globaly

(b) All of the listed options-ans

30)DbContext does not support comiled queries?

true----------ans

31)How can we set primary key explicitly for an entity?

a.ModelBuilder.CreateKey<Entity>(t=>t.KeyColumnYouWant);

b.ModelBuilder.Entity<Entity>().HasKey(t=>t.KeyColumnyouWant);-----ans

c.ModelBuilder.Key<Entity>(t=>t.KeyColumnYouWant);

d.None of the listed options.--

32)In Lazy loading,the navigation property has to be declared as:

a.static

b.public----------Ans

c.proxy

d.virtual----------Ans

33)Which statements are true about CLR stored procedures?

a.It is a reference to a Microsoft.NET Framework common language runtime(CLR)method.----------Ans

b.The method can take and return user-supplied parameters.----------Ans

c.The method can only take input parameters.

d.They are implemented as public,static methods on a class in a .NET Framework assembly.----------Ans

e.They are implemented as private,protected methods on a .NET Framework assembly.

34)What are the benefits of using a Unique index?

a.It is less error prone.

b.Data integrity of the defined columns is ensured.----------Ans

c.Additional information helpful to the query optimizer is provided.----------Ans

d.The performance is not degraded.

35)SQL Server consists of which of the following three types of files?

a.Primary data files----------Ans

b.Secondary data files----------Ans

c.Hidden files

d.Log files----------Ans

36)Which of the following is not the Design goal of ASP.NET MVC3?

i.Embrace the Web

ii.Testable

a.ii only

b.Both i and ii

c.None of the listed options----------Ans

d.i only

37)What are the limitations of Ownership chaining?

a.Applies only to DML statements:SELECT,INSERT,UPDATE and DELETE.----------Ans

b.The owners of the caliing and the called objects must be the same.----------Ans

c.The owners of the calling and the called objects must be different.

d.Does not apply to dynamic queries inside the module.----------Ans

38)What does the following syntax do?

CREATE TABLE T1(Col1 int primary key,Col2 xml)

a.It creates a row in a table.

b.It creates a column of type int in the table & sets it as a primary key.----------Ans

c.It creates a column of type xml.----------Ans

d.It creates an empty table.

39)Partial page rendering does which of the following?

a.Removes the need for the whole page to be refreshed as the result of a HTTPGet.

b.Removes the need for the whole page to be refreshed as the result of a postback.----------Ans

c.Only header of the page that have changed are updated.

d.Only individual regions of the page that have changed are updated.----------Ans

40)How are user defined functions different from User-defined Stored Procedures?

a.In user-defined function the default parameter is specified with a DEFAULT keyword.----------ans

b.In User-defined function omitting the parameter also implies default value.

c.User-defined functions do not support output parameters.----------Ans

d.User-defined functions do support output parameters.

41)Which of the following is used to provide short expression for querying entities over linq?

a.LINQ to DataSet.

b.LINQ to SQL.

c.Lambda expression.--------ans

d.None of the listed options.

42)Which of the following approach do we avoid working with the visual designer or entity framework?

a.Code First Approach.

b.Model First Approach.----------a

c.Database Approach.

d.None of the listed options.

43)Novak is a given a task by his manager to strictly load a particular image only after page gets loaded.What will you advice him to do?

i.Tell him to use JavaScript.

ii.Tell him to combine OnLoad function with JavaScript.

iii.Tell him to use AfterLoad function with JavaScript.

a.i and ii----------ans

b.ii and iii

c.i and iii

d.i,ii,iii

44)In console window,PM stands for _____

a.Project Manager.

b.Package Manager.----------Ans

c.Package Model.

d.Priority Manager.

45)Which statements are true about the GROUPING function?

a.It is an aggregate function that causes an additional column to be used with a value of 1 when the row is added by either the CUBE or ROLLUP operator.--------ANS

b.It is an aggregate function that causes an additional column to be used with a value of 0(True) when the row is < by either the CUBE or ROLLUP operator.

c.It is an aggregate function that causes an additional column to be used with a value of 0 when the row is not the result of CUBE or ROLLUP operator.-------ANS

d.It is an aggregate function that causes an additional column to be used with value equal to the number of rows added by either the CUBE or ROLLUP operator.

e.Grouping is allowed only in the select list associated with a GROUP BY clause that contains either the CUBE or RoLLUP operator. ------ANS

46.by default, the entry framework will generate the database

queries and update commands when your code interacts with the model?

Ans:True

47.entity is defined as _____ of the object, but not the behavior of the object?(QUES NOT CLEAR)

a.Object

b.Schema----------ANS

c.Entity

d.None

48.Entity framework is an open source framework? True or false

Ans:True

49.What kind of data does the XML datatypes store in SQL server? (Multiple ans)

a.Office documents

b.Memory maps

c.XML documents---->ans

ssd.Fragments--->ans

50.What does a cache profile do?

i.Cache profile allows libraries to provide fast output to sql queries

ii.Cache profile avoids repetition in cache attributes

select one:

a.Both i and ii

b.i only

c.ii only -----ANS

d. None of the listed options

51.In an application page, you are suppose to take students % between 40-80.

which of the following will accomplish this objective?

select one

a.[Range (40,80)]

public virtual int Perc{get;set;}----ans

b.[between (40;80)]

public virtual int Perc{get;set;}

c.[Range (40,80)]

public virtual string Perc{get;set;}

d.[Range (40||80)]

public virtual int Perc{get;set;}

52.Fredrick is carrying out a TDD and is expecting ArgumentOutOfRange exception but he does not known how to write a code to declare that an exception is expected.

To help him, which of the following would you choose?

select one;

a.[Exception.Expected=ArgumentOutOfRange]

b.[ArgumentOutOfRangeException.Expected]

c.[ExpectedException(typeof(ArgumentOutOfRange))]----->ans

d.[ArgumentOutOfRange.Expected=True]

53.How are Database-level principles categorized?(Multiple ans)

a.database administrator

b.database user-->ans

c.database role-->ans

d.windows role

e.Application role-->ans

54.In caching,by default the location property have the value___

a.All

b.Any--->ans

c.None

d.Auto

55.Which of the following is a way to install/download a Nuget in your system?

a.In your browser go to nuget.org-->click on download

b.In a visual studio, right click on references-->Add LibraryPackageReferences-->search nuget-->Install

c.All of the listed options------ans

d.In visual studio, go to tools-->Extension manager-->search Nuget-->Install

56.what is meant by Materialization in entity framwork?

Ans:Materialzation is the process of returning query results back to the

client as CLR types

57.Entity framework support foreign key? t or f

Ans: True

58.If your are moving your project from MVC2 to MVC3 what will be the

value of "UnobtrusiveJavaScriptEnabled"

a.True

b.None

c.False--->ans

d.Auto

59.We can write raw sql query in SQLQuery() method in entity framework? T or F

Ans:true

60.Which namespace is used to handle EntityClient provider?

a. System.Data.EntityClient--->ans

b.System.Transactions

c.system.data.annotations

d.None of the listed options

****

ajith

1. Which of the following require type-casting in the view?

I.ViewData

II.TempData

Select one:

a.I only

b.II only

c.Both I and II----------ANS

d.None of the listed options

2. Which of the following snippet creates database in local sql express by default?

I.public class Context:DbContext

{

public Context():base()

{

}

}

II.public class Context:DbContext

{

  public Context():base("DB Name")

{

}

}

Select one:

ans:2&3

3. How is a User-defined table-valued function in SELECT,INSERT,UPDATE or DELETE statements is invoked?

Select one:

a.A User-defined table-valued function can be invoked in the FROm clause of a SELECT,INSERT,UPDATE & DELETE statement----------ANS

b.A User-defined table-valued function can be invoked as a stored procedure from a clause of a SELECT,INSERT,UPDATE & DELETE statement

c.A User-defined table-valued function can be invoked in the WHERE clause of a SELECT,INSERT,UPDATE & DELETE statement

d.A User-defined table-valued function can be invoked in the USING clause of a SELECT,INSERT,UPDATE & DELETE statement

4. You are given a task by your manager that includes assembly binding.Which file would you configure?

Select one:

a.System.config

b.Web.config

c.Machine.config----------ANS

d.Config.config

5. Which are the different types of file groups?

Select one or more:

a.Secondary

b.Primary----------ANS

c.User-defined----------ANS

d.Hidden

6. Model Binder Interface defines

select one

a. the .dll files that are requested for a model binder

b.the interfacae that are required for a model binder

c. the assembly that are required fro a model binder

d.the methods that are required for a model binder----------ans

7. Which statements are true about the maax constant in a varchar type?

a. It can be used when the data can exceed more than 8000 charcters----------ans

b. It can be used to fix the max length of charcters for the entire column----------ans

c. It can be used to store large blocks of text----------ans

d. It can be used to store large image types.

8. _____ is an XML based language which describes the entities , functions and relationships which create a conceptual model of a application.

select one

a. Conceptual schema definition langauage (CSDL)----------ans

b.Conceptual set definition Languaage(CSDL)

c.Conceptual select definition Language(CSDL)

d.None

9. Which of the following statements are true about AFTER trigger?

select one

a.AFTER trigger executes after the sattements that triggered it completes----------ans

b.AFTER trigger executes after the last trigger in the queue.

c.If the statement fails with an error the trigger is not executed.----------ans

d. AFTER triggers cannot be specified for tables , they can only be specified fro views.

e.AFTER triggers cannot be specified for views, they can only be specified for tables.----------ans

10. Which of teh following methods make entity framework fro detecting changes automatically?

selct one

a.DBSet.FInd

b.DBSet .Remove

C.DBSEt.Attach

d.all----------ans

11) Which one in the following is not included in the configuration hierarchy?

ASP.NET Application sub directory

ASP.NET root directory

root web

IIS

ASP.NET client server sub directory----------ANS

12) Unchanged State is the default state for an entity while the entity is retrieved from the database.

TRUE----------ANs

FALSE

13) Which of the following are database initializers used in Entity Framework

CreateDatabaseIfNotExist----------ANS

DropCreateDatabaseIfModelChanges-------ANS

DropDatabaseAlways

DropCreateDatabaseAlways----------ANS

CreateDatabaseAlways

14) public void testdate()

{

distance z = new Distance();

var message = new Sample(z);

Assert.areequal(distance,message,z);

} - analyse the code and identify why it will not work

15) When a LINQ to Entities is Executed

some expression in the query might be executed on the server and some parts might be executed locally on the

client. Client-side evaluation of an expression takesplace before the query is executed on the server----------ANS

some expression in the query might be executed on the server and some parts might be executed locally on the

server. Client-side evaluation of an expression takesplace before the query is executed on the server

some expression in the query might be executed on the server and some parts might be executed locally on the

client. server-side evaluation of an expression takesplace before the query is executed on the server

None of the options

16) which of the following statements are true about varchar data type?

varchar can hold alphanumeric data----------ANS

the storage size of varchar datatype is fixed

each row can hold different number of characters up to the max length defined-----ANs

each row can hold fixed number of characters as defined by max length

17) What is meant by materialization in entity framework?

Materialization is the process of returning query results back to the client as entity types

Materialization is the process of returning query results back to the client as CLR types----------ANS

Materialization is the process of returning query back to the client as CLR types

None of the options

18) Partial page rendering does which of the following

removes the need for the whole page to be refreshed as the result of a HTTPGet

only individual regions of the page that have changed are updated----------ANS

only header of the page that have changed are updated

Removes the need for the whole page to be refershed as the result of a postback-----ANs

19) Correct syntax for ActionLink with following argument AjaxHelper, String, String, AjaxOptions is a.

public static MvcHtmlString ActionLink(

this AjaxHelper ajaxHelper,

string linkText,

string modelName,

AjaxOptions ajaxOptions)

b.

public static MvcHtmlString ActionLink(

this AjaxHelper ajaxHelper,

string linkText,

string actionName,

AjaxOptions ajaxOptions;

)

c.----------ANS

public static MvcHtmlString ActionLink(

this AjaxHelper ajaxHelper,

string linkText,

string actionName,

AjaxOptions ajaxOptions)

20) Which of the following will render carinfo object stored in viewbag to a view

Select one:

a.

car information: @View.carinfo

b.

car information: @ViewBag{carinfo}

c.

car information: @ViewBag.display(carinfo)

d.---------- ANS

car information: @ViewBag.carinfo

21) Which of the following option is correct about Navigation Property

Navigation properties provide a way to navigate an assiciation between two entity types

Every object can have navigation property for every relationship in which it participates

Navigation properties allow you to navigate and manage relationship in both directions, returning either a reference object or a collection

All of the options----------ANS

22) IObjectContextAdapter Interface is used to:

get the reference of ObjectContext from object

get the reference of ObjectContext from entity

get the reference of ObjectContext from DBModel

get the reference of ObjectContext from DBContext----------ANS

23) which exception will raise when you define an entity data model that uses stored procedures to make updates to the data source

OptimisticException

ConcurrencyException

OptimisticConcurrencyException----------ANS(Doubt)

None of the options

24) analyse the link:- "http://localhost/music/". Choose the option which is correct for it

I. Not running under cassini

II. running under IIS

I only

II only----------ANS

both I and II

none of the options

25) Which of the following model is used to defined application specific object

Entity Data Model----------ANS

SqlDataModel

ObjectModel

None of the Options

26. What are the different classes into which the SQL server divides principles?

select one or more

a. windows-level principle----------ANS

b. field-level principle

c. database-level principle----------ANS

d. SQL Server- level principle----------ANS

27. LINQ stands for

select one

a. Line Integrated Query

b. Line Integrated New Query

c. Language Integrated New Query

d. Language Integrated Query----------
ANS

28. How can the execution plan of queries on partitioned tables and indexes be examined?

Select one or more

a. By using the Transact –SQL SET SHOWPLAN_XML----------
----------ANS

b. By using the Transact –SQL SET STATISTICS_XML----------ANS

c. By using the Transact –SQL SET PARTITION_XML

d. By using the Transact –SQL SET INDEX_XML

29. You are given a task to make the current form secure such that it can be prevented csrf. Which of the following will be helpful?

Select One

a. <% using (Html.BeginForm()) {%><%= Html.AntiXssLibrary()%}

b. <% using (Html.BeginForm()) {%><%= Html.AntiForgaryToken()%}----------ANS

c. <% using (Html.BeginForm()) {%><%= Html.AntiCSRFToken()%}

d. <% using (Html.BeginForm()) {%><%= Html.AntiCSRFLibrary()%}

30. Which of the following is true in doing DB initialization in config file?

Select one (both a and c are same check once again)

a. <?xml version=”1.0” encoding=”utf-8”?><configuration><appSettings><add key=”DatabaseInitializerFrTypeBlogDataLayer.BlogDBContext, BlogDataLayer”/></ appSettings></configuration>

b. <?xml version=”1.0” encoding=”utf-8”?><configuration><appSettings><add key=”DatabaseInitializerFrTypeBlogDataLayer.BlogDBContext, BlogDataLayer”

value=”System.Data.Entity.DropCreateDatabaseAlways`1[[BlogDataLayer.BlogDBContext, BlogDataLayer]], EntityFramework”/></ appSettings></configuration>----------ANS

c. <?xml version=”1.0” encoding=”utf-8”?><configuration><appSettings><add key=”DatabaseInitializerFrTypeBlogDataLayer.BlogDBContext, BlogDataLayer”/></ appSettings></configuration>

d. <?xml version=”1.0” encoding=”utf-8”?><configuration><appSettings><add key=”DatabaseInitializerFrTypeBlogDataLayer.BlogDBContext, BlogDataLayer”, value=”Create Database”/></ appSettings></configuration>

31. Which of the following statements are true.

I. The CompiledQuery class provides compilation and caching of queries for reuse.

II. Execute method is to create a new delegate to represent the compiled query.

III. Once the query is compiled you can only supply parameters of primitive type but you cannot replace parts of the query that would change the generated SQL

Select one

a. I and II

b. II and III

c. I and III----------ANS

d. I, II and III

32. What do you understand by XSS attack?

Select One

a. Injection of malicious script----------ANS

b. Injection of class definition

c. Hacking via Browser

d. Hacking through cookies

33. What are the benefits of using Unique index?

Select one or more

a. It is less error prone

b. Data integrity of the defined column is ensured----------ANS

c. Additional information helpful to the query optimizer is provided----------ANS

d. The performance is not degraded----------ANS

[(https://msdn.microsoft.com/en-in/library/ms187019.aspx

Benefits of a Unique Index

Multicolumn unique indexes guarantee that each combination of values in the index key is unique. For example, if a unique index is created on a combination of LastName, FirstName, and MiddleName columns, no two rows in the table could have the same combination of values for these columns.

Provided that the data in each column is unique, you can create both a unique clustered index and multiple unique nonclustered indexes on the same table.

Unique indexes ensure the data integrity of the defined columns.

Unique indexes provide additional information helpful to the query optimizer that can produce more efficient execution plans.)]

34. Which action result type will return a temporary redirect (HTTP 302 status code) or a permanent redirect (HTTP 301 status code) depending on the Boolean parameter?

Select one

a. HttpNotFoundResult

b. RedirectResult----------ANS(https://www.asp.net/mvc/mvc3)

c. HttpStatusCodeResult

d. HttpRedirectResult

35. You are handling a page of event. Now the content and information you have cached so that it is loading quickly but

you need to keep a clock which shows time for the event dynamic. Which of the following will be helpful?

a. <%DateTime(t.now);%>

b. <%Response.WriteSubstitution(t=>DateTime.Now.ToLongTimeString())%>----------
----------ANS

c. <% var c = dynamic.DateTime() %>

d. <%session s= new session[“Time”];%>

36. What is entity Key?

Select One

a. An entity key is a property or a set of properties of an entity type that are used to determine identity----------ANS

b. An entity key is a property or a set of properties of an entity type that are used to determine the column for searching index

c. An entity key is a property or a set of properties of an entity type that are used to identity relationship among the entities.

d. All of the listed

37. Problem Statement- Peter is a web developer and has created a website in ASP.NET MVC3 using razor view. People were giving feedback on his site without going through products detail page. They were navigating to the feedback page by editing the URL.

Now as a friend, suggest him to use “ChildAction” through “@HtmlAction”.

Which of the following would he choose?

Select one

a. The solution given by Brock is legitimate

b. Peter should use “@Html.GoThrough” in place of “@HtmelAction”

c. Peter should user “ChildActionOnly” in place of “ChildAction”----------ANS

d. Such problem can’t exist

51) Identify the different types of stored procedures.

a.User-defined stored procedures-Transact SQL & CLR.----------Ans

b.Compiled Stored Procedures.----------Ans

c.Extended Stored Procedures.

d.System Stored Procedures.----------Ans

52) Which method converts string to HTML Encoded string?

a.HtmlUtility.HttpCode.

b.HtmlUtility.XmEncode.

c.HttpUtility.HtmlEncode.----------Ans

d.HttpUtility.HtmlCode.

53) Machine.config,contains settings that apply to an entire Network.State true or False.

a.True.

b.False.----------Ans

54) The ObjectContext class is not thread-safe.State True or False.

a.True.----------Ans

b.False.

55) Which of the package can be used to write an implementation for ASP.NET Identity that targets different persistence stores such as Azure Table Storage,NoSQL databases etc.?

a.Microsoft.AspNet.Identity.Core.----------Ans

b.Microsoft.AspNet.Identity.EntityFramework.

c.Microsoft.AspNet.Identity.OWIN

d.Microsoft.ASPNET.Security;

56) Which of the following is a way to install/download a Nuget in your system?

a.In your browser go to nuget.org->click on Download

b.In visual studio,go to tools->Extension Manager->search Nuget->Install

c.All of the listed options----------Ans

d.In a visual studio,right click on references->Add LibraryPackageReferences->search Nuget->Install

57) public class DependencyResolver-is the syntax for Dependency resolver class.State True or False.

a.True----------Ans

b.False

58) Which of the following code snippets is correct for an entity Post having relationship with Blog?

a.modelBuilder.Entity<Post>().HasRequired(p=>p.Blog)----------Ans

b.modelBuilder.Entity<Post>().NeedRelationship(p=>p.Blog)

c.modelBuilder.Entity<Post>().Required(p=>p.Blog)

d.None of the listed options.

59) Which of the following approach do we avoid working with the visual designer or entity framework?

a.Code First Approach.----------Ans

b.Model First Approach.

c.Database Approach.

d.None of the listed options.

60) Which of the following statements are TRUE?

i.Client wins and store wins are actions which are used when concurrency happens.

ii.In Client wins the data from the server is loaded in to your entity objects.

iii.In Store wins data from the entity object is saved to the database.

a.i and ii

b.ii and iii

c.only i----------Ans

d.i,ii and iii

****

1.LINQ to Entities provides developers to write LINQ queries

Stata True or False.

Select one:

True----------ANS

False

2.DbContext does not support Complied Queries.

State True or False.

Select one:

True----------ANS

Fasle

3.Linq to Entity Query results are usually returned as which of the following?

Select one:

a.A collection of zero or more typed entity objects or a projection of complex types defined in the conceptual model.

b.Inline collections

c.Linq to objects

d.Anonymous types

e.All of the listed options.----------ANS

4.Localization is also known as_____.

Select one:

a.All the listed options

b.L10N----------ANS

c.LOC-zation

d.LCn

5.which of the following principals are included in the security context ?

Select one or more:

a. The login

b. The user----------ANS

c. Authentication memberships--------ANS

d. Role memberships-----ans

e. Role aggregation

6.How are user defined functions different from User-defined Stored Procedures?

a.In user-defined function the default parameter is specified with a DEFAULT keyword.----ans

b.In User-defined function omitting the parameter also implies default value.

c.User-defined functions do not support output parameters.----------Ans

d.User-defined functions do support output parameters.

7.Razor expression starts with_____.

a.@----------ANS

b.%

c.#

d.$

8.john is given a task to make his website a bit intelligent and in the process he's been told to add autocomletion on the "searchBox".Which of the following will be helpful?

select one

ans: $function(){

$("#searchBox").autocomplete("/Product/SearchCandidates",{minChars:3});

});

9.What is the significance of INSTEAD OF argument of the CREATE TRIGGER statement?

Select one or more:

a.Specifies that the DML trigger is excuted instead of the triggering SQl statement

b.It overrides the actions of the triggering statements----------ANS

c.It can be specified for DDl or logon triggers----------ANS

d.It cannot be specifoed for DDl or logon triggers.

10.Which of the foloowing provider is used to access data in conceptual model?

Select one:

a.EntityClient provider----------ANS

b.SqlClientProvider

c.EntityModelProvider

d.EntityContext

11.How are NON-clustered indexes different from Clustered indexes?

select one:

a.The data columns of the underlying table are not stored in order based on their nonclustered keys.

b.The data rows of the underlying table are sorted and stored in order based on their nonclustered keys.----------ANS

c.The leaf layer of a nonclustetred index is amde up of index pages instead of data pages.----------ANS

d.The leaf layer of a nonclustetred index is amde up of data pages instead of index pages.

12.Which of the following statements are true about Clustered index?

Select one or more:

a.A clustered index sorts and stores the data rows of the table or view in order based on clustered index key----------ANS

b.A clustered index sorts and stores the data columns of the table or view in order based on the clustered index key.

c.A clustered index is implemented as a B-tree index strucuture----------ANS

d.A clustered index is implemented as aLinked-list structure.

13.Which of the following object is used to query and modify data?

Select one:

a.OjectContext----------ANS

b.EntityOject

c.DataContext

d.None of the listed options.

14. Your manager has given youa task to write a code to list recent 30 events and this should be accessible to no one other than admins.

which of the following should you choose?

select one:

a.public class EventController:Controllers{public ActionResult Index(){AspNerDB db = new AspNerDB(); var f=db.WebEvents.OrderByDescending(e=>e.EventTime).take(30);return View(f);}}

b.[Authorize(Roles="Managers")]public class EventController:Controllers{public ActionResult Index(){AspNerDB db = new AspNerDB(); var f=db.WebEvents.OrderByDescending(e=>e.EventTime).take(30);return View(f);}}

c.[Authorize(Roles="Admin")]public class EventController:Controllers{public ActionResult Index(){AspNerDB db = new AspNerDB(); var f=db.WebEvents.OrderByDescending(e=>e.EventTime).take(30);return View(f);}}----------ANS

d.public class EventController:Controllers{public ActionResult Index(){AspNerDB db = new AspNerDB(); var f=db.WebEvents.OrderByAscending(e=>e.EventTime).take(30);return View(f);}}

15.Which of the following are the data annotations attribute?

Select one or more

a.Compare

b.Range

c.Required----------ANS

d.StringLength----------ANS

16.Which of the following annotation is used to mark one or more properties to be used for concurrency checking while user modifies in an entity?

Select one:

a.ConcurrencyCheck----------ANS

b.DatabaseCheck

c.EntityCheck

d.None of the listed options

17.analyse the link:- "http://localhost/music/". Choose the option which is correct for it

I. Not running under cassini

II. running under IIS

I only

II only----------ANS

both I and II

none of the options

18.By default in Entity Framework Snapshot change tracking is enabled snapshot change tracking mechanism.

State true or false

True----------ANS

Fasle

19.what are the significance of recovery model setting??

Select one or more:

a)it determines how much data can be recovered in the event of a media failure----------Ans

b) it determines the location where the data should be recovered in the event of a media failure

c)the default recovery is full , which provieds the greatest level of recovery----------Ans

d) the default is partial which provides the greatest level of recovery

20.George wants to make the appearance of his site better.He wants to show an image when a "divhello" result takes time to display.

Which of the following should he choose?

Select one:

a.[....@Ajax.ActionLink("Hello","Hello",new AjaxOptions(){UpdateTargetID="div-hello",HttpMethod="GET",LoadingElementId="divloadingimage"})....]

b.[....@Ajax.ActionLink("Hello","Hello",new AjaxOptions(){UpdateTargetID="div-hello",HttpMethod="GET",LoadingElementId="divloadingimage"})....]

c.[....@Ajax.ActionLink(AjaxOptions(){UpdateTargetID="divhello",HttpMethod="GET",LoadingElementId="divloadingimage"})....]

d.[....@Ajax.ActionLink("Hello","Hello",new AjaxOptions(){UpdateTargetID="divhello",HttpMethod="GET",LoadingElementId="divloadingimage"})....]------ans

21.which template is used in entity framework to generate code in C# by reading .edxm file?

a. C# template

b. T4 template----------ANS

c. XML template

d. none

22.Which of the following are used to locate the entities at the ends of an association in a conceptual model?

Select one:

a.Navigation properties.------=---- Ans

b.Attributes

c.Index

d.Proxy

23.What is Dependency Injection?

Select one:

a.A technique gor achieving tight coupling between objects and their collaborators.

b.A technique gor achieving loose coupling between objects and their collaborators.----------
----------ANS

c.A technique gor achieving tight coupling between Model and their views.

d.A technique gor achieving tight coupling between Model and their respective server.

24.Entities define the_____of an object but not the behavior of the object.

select one:

a.Object

b.schema----------ANS

c.Entity

d.None of the liosted options.

25.A basic TDD cycle is_____.

Select one:

a.Red-Green-Refactor----------ANS

b.Debud-Error-Resolve

c.Red-Green-Resolve

d.Fail-Pass-Repeat

26.We can pass information from a controller to a view using ViewBag.

State true or False:

Select one:

True----------ANS

False

27.Which of the following require type-casting in the view?

I.ViewData

II.TempData

Select one:

a.I only

b.II only

c.Both I and II----------ANS

d.None of the listed options

28.Which of the following keyword is used for lazy loading related data in entity framework?

Select one:

a.protected

b.virtual----------ANS

c.const

d.abstract

29.how can we disable proxy object creation in POCO?

A) CONTEXT.CONTEXTOPTIONS.ENABLED = FALSE;

B)CONTEXT.CONTEXTOPTIONS.PROXY=FALSE;

C) CONTEXT.CONTEXTOPTIONS.PROXYENABLED = FALSE;

D)CONTEXT.CONTEXTOPTIONS.PROXYCREATIONENABLED = FALSE;----------
ANS

30.which of the package can be used to write an implementation for ASP.NET Identity that targets different persistence stores such as Azure Table Storage, NoSQL databases etc..,?

Select one:

a.Microsoft.AspNet.Identity.OWIN

b.Microsoft.AspNet.Identity.Core.....ans

c.Microsoft.AspNet.Identity.Entityframework

d.Microsoft.ASPNET.Security

31. GlobalFilters.Filters.Add(new SampleFilter())- what will the above piece of code do ?

Select one:

a. It will move it sample filter to the global filter

b. None of the listed options

c. It will add custom filter "SampleFilter" to the GlobalFilters----------
-----ANS

d. it is not possible to add new filter, so it will give an error

32. Which of the following statements are true about extended stored procedures?

Select one or more:

a. they are inherited from another user defined stored procedure

b. they are DLLs developed in a programming language like c that an instance of

Microsoft SQL server can dynamically load and run----------ANS

c. they run directly in the address space of an instance of SQL server----------ANS

d. they are programmed by using the SQL server extended stored procedure APL----------ANS

33. ObjectContext mainly used for which of the following ?

i. Database connection

ii. Object set of every entity

iii. state of pending changes

Select one:

a. i and ii

b. i and iii

c. ii and iii

d. i, ii and iii----------ANS

34. ModelBinder interface defines

select one:

a. the .dll files that are required for a model binder

b. the interface that are required for a model binder

c. the methods that are required for a model binder----------ANS

d. the assembly that are required for a model binder

35. which of the following is the correct option to get related subjects count without loading

it of the student name os "vijay" ?

select one:

a. var user = context.Users.where(b =>b.name == "vijay").FirstorDefault();var subjectCount = user.Subjects.Count();

b. var user = context.Users.where(b =>b.name == "vijay").FirstorDefault();var subjectCount = Content.Entry(user).

Take(b =>b.Subjects).Query().Count();

c. var user = context.Users.where(b =>b.name == "vijay").FirstorDefault();var subjectCount = Content.Entry(user).

Include(b =>b.Subjects).Query().Count();

d. var user = context.Users.where(b =>b.name == "vijay").FirstorDefault();var subjectCount = Content.Entry(user).

Collection(b =>b.Subjects).Query().Count();----------ANS

36. Which statements are true about nonclustered indexes with respect to partitions?

select one or more:

a. nonclustered indexes have one row in sys.partitions with index_id >0 for each partition used by the index----------ANS

b. nonclustered indexes have one column in sys.partitions with index_id >0 for each partition used by the index

c. by default, a nonclustered index has a single partition----------ANS

d. by default, a nonclustered index has a multiple partition

e. each partition has a B-tree structure that contains the index rows for that specific partition------ans

37. If we want to retrieve friend along with contact entity, which of the following code will fetch us the required result ?

select one:

a. public.ActionResult index(){var friends = db.Friends.Include(a => a.Contacts);return View(friends);}----------ANS

b. public.ActionResult index(){var friends = db.Friends;return View(friends);}

c. public.ActionResult index(){var friends = db.Friends.Insert(a => a.Contacts);return View(db.friends);}

d. public.ActionResult index(){var friends = db.Friends.add(a => a.Contacts);return View(friends);}

38. How does SQL Server execute a stored procedure or a trigger ?

select one or more:

a. SQL server stores only the source for stored procedures and rtiggers----------ANS

b. SQL server keeps the stored procedures & triggers in compiled form for future execution

c. when a stored procedure or trigger is first executed, the source is compiled into an execution plan----------ANS

d. if the stored procedure or trigger is again executed before the execution plan is aged from memory, the relational

engine detects the existing plan and reuse it----------ANS

e. if the execution plan has aged out of memory, a new plan is built----------ANS

39. Jason is trying to access Appsettings of "sampleserverA" & the accidently wrote this varserver =

ConfigurationManager.Appsettings["sampleserver"];- what result will he get ?

select one:

a. He will get an alert

b. He will get a nullvalue back

c. He will get a ArgumentException----------ANS

d. All the listed options

40. choose a code block which will show "Hello World" on the WEb page

select one:

a. public ActionResult Index()

```
{
 View.Message = "Hello World";
 return View();
}
```

b. public ActionResult Index()

```
{
 View@Message = "Hello World";
 return View();
}
```

c. None of the listed options

d.public ActionResult Index()

```
{
 ViewBag.Message = "Hello World";----------ANS
 return View();
}
```

41. "Type or Namespace name "SampleTest" could not be found" - you are getting the above error while you

trying to build a test. what could be the reason ?

select one:

a. You didn't instantiate the object for the sampletest controller and view

b. you didn't have the class called "sample test"

c. the inline constructor is yet to get validated

d. you have not parsed the class assembly----------ANS

42. if we use database first generation a Dbcontext is generated by default

State true or false

select one:

a. true----------ANS

b. false

43. which of the following are the standard query operators of LINQ ?

select one:

a. select

b. where

c. groupby

d. all the listed options----------ANS

44. which method in the DBcontext writes inserts, updates and deletes to the data source ?

select one:

a. save

b. saveChanges----------ANS

c. saveEntity

d. All of the listed options

45. Natasha is typing to access a page but she is not able to do it. on the other hand, when john logged in

via his credentials he could. what may be the reason ?

select one:

a. web server credential overriding

b. roel based access ----------ANS

c. URL customization

d. Account rendering

46. Entity framework provides us with which of the following attribute to indicate multiple relationships

between two labels ?

select one:

a. [insertProperty]

b. [InverseProperty]----------ANS

c. [INProperty]

d. None of the listed options

47. how is the information returned from table-valued functions ?

select one or more:

a. information may be returned from table-valued functions using output paramaters----------ANS

b. information may be returned from table-valued functions using return paramaters

c. you must specify the parameters by value

d. you must specify the parameters by reference----------ANS

48. sam is developing ASP.NET MVC 3 web application. He is using SQL server as database. As it is in staring stages,every time

the database changes, an error pops up in the application. which of the foolowing method should sam add to take care of this ?

select one:

a. DropCreateDatabaseselfModelChanges<>()----------ANS

b. RefreshDb<>()

c. DeleteUpdateDatabaseselfModelChanges<>()

d. none of the listed options

49. which statements are true about the max constant in a varchar type ?

select one:

a. It can be used when the data can exceed more than 8000 characters----------ANS

b. it can be used to fix the max length of characters for the entire column----------ANS

c. it can be used to store large blocks of text----------ANS

d. it can be used to store large image types

50. By default value of "UnobstustiveJavaScriptEnabled" is

select one:

a.AUTO

b.None

c.False----------ANS

d.True

51.In which folder is the bundle.config file stored?

Select one :

a.App_Data

b.App_Start----------ANS

c.Content

d.Filter

52.Rafael is a new developer and the manager has told him to make the current code less complex.The current code

has all the html and processing code in same file.

Which of the following should he choose?

Select one:

a.Advice him to use seperate models and controller for each logic and store it in new database

b.Advice him to use partial views and create custom Html helpers to make the ocde readable and less croeded of all the things in one place.----------ANS

c.Advice him to create a new page for every logic.

d.None of the listed option

53.Which class is used for transactions in entity framework?

Select one:

a.System Transaction----------ANS

b.SqlTransaction

c.EntityTransaction

d.None of the listed options.

54.Which of the following statements are true about varbinary data type?

Selct one or more:

a.varbinary can hold binary data.----------ANS

b.varbinary can hold character data.----------ANS

c.can exceed 8000 characters ----------ANS

d.the value is absed on regular expression logic

55.what are the steps for creating partition tables&indexes?

Select one or more:

a.Create partition function to specify how a table or index that uses the function can be partitioned----------ANS

b.Create partition function to specify the placement of the partitions of a partition function on filegroups

c.Create partition Schema to specify the placement of the partitions of a partition function on filegroups----------ANS

d.Create partition Schema to specify how a table or index that uses the function can be partitioned

e.Create a table or index using the partition Schema----------ANS

56.What are the restrictions related to the database file creation?

Selct one or more:

a. Database file name shouuld not be more than 8 characters

b.Database file name should be unique---------- Ans

c.The file must reside on one of the following devices: the local server on which SQL Server is installed,a Storage

Area Network[SAN],or an iSCSI-based network

d.The path specified must exist on the drive prior to creating the database---------- Ans

57.find the correct code to execute sql raw query in the entity frameqwork from the following

select one:

a.using(var ctx = new schoolDBentities())

```
 {
        varstudentlist = ctx.students.sql("select*from student").tolist<student>();
 }
```

b.none of these

c.using(var ctx = new schoolDBentities())

```
 {
```

varstudentlist = ctx.students.execute("select*from student").tolist<student>();

}

d.using(var ctx = new schoolDBentities())

{

varstudentlist = ctx.students.sqlquery("select*from student").tolist<student>();----------
----------ANS

}

58.Show current date using javascript as Sat Jun 4 2016

select one:

a.----------ANS

<p id-"sample"></p>

<script>

var d= new Date();

document.getElementById("sample").innerHTML=d.toDateString();

</script>

b.

<p id-"sample"></p>

<script>

var d= new Date();

document.getElementById("sample").innerHTML=b.toDateString();

</script>

c.

<p id-"sample"></p>

<script>

var b= new Date();

document.getElementById("sample").innerHTML=d.toDateString();

</script>

d.

<p id-"sample"></p>

<script>

var d= new Date();

document.getElementById("sample").innerHTML=d.toDate();

</script>

59.Which of the following is issued to obtain a configuration object for a given property in Fluent API?

Select one:

a.ToTable()

b.HasKey()

c.HasDatabaseGeneratedOption()

d.Property()----------ANS

60.Which of the following are database initialization strategies in EF code First?

Select one or more:

a.CreateDatabaseIfNotExists----------ANS

b.MigrateDatabaseToLatestVersion

c.CustomDBinitializer----------ANS

d.AlterDatabasewithchanges

****

Entity Framework supports three ways to load related data -

eager loading, lazy loading and explicit loading. The techniques

shown in this topic apply equally to models created with Code First and the EF Designer.

60.which of the following loading is supported by Entity framework?

select one:

a.Eager Loading

b.Lazy Loading

c.Explictly Loading

d.All ----------ANS

59.if stored procedure returns complex type that is only on conceptual model and not in databse table

ans:complex

58.George wants to make the appearence of his site better.He wants to show an image when a "divhello" result takes time to display

which should be choosed?

select one

a.[....@Ajax.ActionLink(Ajax.Options())

{

UpdateTargetId="div-hello",Httpmethod="GET",LoadingElementId="divloadingimage"

})...]

b.[....@Ajax.ActionLink("Hello","Hello",new Ajax.Options())

{

UpdateTargetId="div-hello",Httpmethod="GET",LoadingElementId="divloadingimage"

})...]

c.[....@Ajax.ActionLink("Hello","Hello",new Ajax.Options())

{

UpdateTargetId="divhello",Httpmethod="GET",LoadingElementId="divloadingimage"

})...]----------
ANS

d.[....@Ajax.ActionLink(Ajax.Options())

{

UpdateTargetId="divhello",Httpmethod="GET",LoadingElementId="divloadingimage"

})...]

57.dependency resolver() is destructor

a.true

b.false.....ans

56.where can CLR functions be used?

select one or more:

a.CLR functions can be used to access external files----------ANS

b.CLR functions can be used to access network resources----------ANS

c.CLR functions can be used to configure the instance of SQL server----------ANS

d.CLR functions can be used to access WEb services----------ANS

e.CLR functions can be used to connect to other databases

55.The syntax of GetService Method is?

Select one

a.object.GetService(

Type serviceType

)

b.object GetService(

Type serviceType

)----------ANS

c.object GetService(

object.serviceType

)

d.object GetService(

Type.serviceType

)

54.output cache is used to cache output of a controller

ans:true

It enables us to cache the content returned by any controller method

so that the same content does not need to be generated each time the same controller method is invoked

53.entity sql is a storage independent query language

ans:true

52.which of the following method is used to get correct type for the specified target role in a relationship in the class relationshipmanager?

select one:

a.GetRelated End----------ANS

b.getRelatedCollection

c.GetObjectstateEntries

d.None

51.Which of the following is the full form of CSDL ?

a.Conceptual SelectData Definition Language

b.Conceptual Select Definition Language

c.Conceptual Set Definition Language

d.Conceptual Schema Definition Language----------ANS

50.How can we get the single employee name when there are many employees whose name is "John" in the database?

Select one:

a.var employee=(from emp in contextobject.Employee where emp.EmployeeName="John"select emp).FirstOrDefault<Employee>()

b.var employee=(from emp in contextobject.Employee where emp.EmployeeName=="John"select emp).FirstOrDefault<Employee>()----------ANS

c.var employee=(from emp in contextobject.Employee where emp.EmployeeName=="test" select emp);

d.None of the listed options

49.Which of the following does the input to QueryOptimizer consist?

Select one or more:

a.The query

b.The database schema----------ans

c.The database statistics----------ANS

d.the selected rows.

Note:The input to the optimizer consists of the query, the database schema (table and index definitions), and the database statistics.

(https://technet.microsoft.com/en-us/library/ms190623(v=sql.105).aspx)

48.Which are the following are the type of entity?

Select one or more:

a.POCO entity----------ANS

b.Dynamic proxy entity----------ANS

c.DbContext

d.ObjectContext

47.Which statements are true about RANK function?

Select one or more:

a.It returns the rank of each row in the table within the partition of a database.----------ANS

b.The rank of a row is equal to the number of ranks that come before the row in question.

c.The rank of a row is one plus the number of ranks that come before the row in question----------ANS

d.the RANK function returns consecutive integers.

e.The Rank function does not always return consecutive integers. ----------ANS

46.LINQ to XML is based on in-memory XML programming interface.

State True or False

Select one:

True----------ANS

False

45.What are the conditions for assemblies created by using EXTERNAL ACCESS permission sets?

Select one or more: ----------ANS

a.The assesmbly code should be type-safe----------ANS

b.the assesmbly should contain only stattic data members in its classes unless they are marked as read-only----------ANS

c.the classes in the assesmbly must contain finalizer methods----------ANS

d.the classes or methods of the assesmbly should be annotated only with allowed codes attributes----------ANS

(https://msdn.microsoft.com/en-us/library/ms189524.aspx)

44.Which one in the following is not included in the configuration hierarchy?

Select one:

a.Root web

b.IIS

c.ASP.NET Application sub directory

d.ASP.NET Client Server sub directory----------ANS

e.ASP.NET root directory.

43.What is meant by Materialization in entity framework? REPEATED QUESTION

Select one:

a.Materialization is the process of returning query results back to the client as entity types.

b.Materialization is the process of returning query results back to the client as CLR types.----------ANS

c.Materialization is the process of returning queries back to the client as CLR types.

d.None of the listed options.

42.Which command will remove the package?

Select one:

a.Remove packageName----------ANS

b.Delete package

c.Uninstall-package PackageName

d.None of the listed options.

41.You need to write a view to show Hi!"username" If user is authenticated display signoff link & sign in link for anonymous user.

Which of the following should you choose?

Select one:

a.<%if(Request.IsAuthenticated){Hi!<%=Html.Encode(page.User.Identity.Uname)%>[<%=Html.ActionLink("SignOff","SignOff","Account")%>]<%}else{%>[<%=Html.ActionLink("Sign In","Sign In","Account")%>]<%}%>----------ANS

b.<%{Hi!<%=Html.Encode(page.User.Identity.UName)%>[<%=Html.ActionLink("Sign Off","Sign Off","Account")%>]<%}else{%>[<%=Html.Action.Link("Sign in","Sign in","Account")%>]<%}%>

c.<%(user=Authorize){Hi!<%=Html.Encode(page.User.Identity.UName)%>[<%=Html.ActionLink("Sign Off","Sign Off","Account")%>]<%}else{%>[<%=Html.ActionLink("Sign in","Sign in","Account")%>]<%}%>

d.All of the listed options.

40) Which of the following is Lambda operator?

a) "a"

b) "=>"----------Ans

c) " "

d) "@"

39.Detatch state is the default state of newly created entity.?

ans:true

Note:Detached is the default state of a newly created entity because the context can’t track the creation of any object in your code.

38) Which statements are true about DENSE_RANK function?

a) Returns the rank of rows within the partition of a result set, without any gaps in the ranking----------Ans

b) The rank of a row is one plus the number of distinct ranks that come before the row in question---------Ans

c) Returns the rank of each row within the partition of a result set

d) The rank of a row is one plus the number of ranks that come before the row in question

37.You are given a task by your manager that include assembly binding??

ans:Machine.Confing

Note: Machine.config contains configuration settings for machine-wide assembly binding, built-in remoting channels, and ASP.NET.

36) What does the update command do?

a) Updates a package----------Ans

b) Updates the project

c) Updates the Visual studio

d) Updates the solution

35) On what conditions can you perform concurrent online index operations on the same table?

a) Creating multiple clustered indexes

b) Creating multiple nonclustered indexes----------ans

c) Reorganizing different indexes on the same table----------ans

d) Reorganizing unique indexes on multiple tables

e) Reorganizing different indexes while rebuilding nonoverlapping indexes on the same table----------ans

34) How can we disable proxy object creation in POCO?

a) context.ContextOptions.Enabled=false

b) context.ContextOptions.Proxy=false

c) context.ContextOptions.ProxyEnabled=false

d) context.ContextOptions.ProxyCreationEnabled=false----------Ans

33) What is Remote Validation?

a) it is a mechanism that can make a remote client call in order to validate a form field without passing the entire form to the server

b) A mechanism to validate a client machine through remote call

c) A mechanism to validate form field using remote conditions

d) A mechanism that can make a remote server call in order to validate a form field without posting the entire form to the server----------Ans

32) Which of the following is the CORRECT option for Model First approach?

a) Generate a Database from a Model----------Ans

b) Generate a Model from the Class

c) Generate a Model from the Database

d) Generate a Object from the Model

31) Which of the following are the properties of the HTTPConfiguration class?

Select one or more:

a) Message Handlers----------Ans

b) Comparer

c) Stack Tree

d) Dependency Resolver--------Ans

30.In Model We can keep Which of the following:

select one or more.....ans

a:Business Logic.....ans

b:Data Logic.....ans

c:Session Logic.....ans

d:Validation Logic.....ans

Note:The model is where the domain-specific objects are defined. These definitions should include business logic (how objects behave and relate),

validation logic (what is a valid value for a given object), data logic (how data objects are persisted) and session logic (tracking user state for the application).

29)what is the purpose of NotMapped annotation in entity framework

a)not to create a property for an entity

b)to remove mapping a property to the data base for an entity.....ans

c)to add property for a data base entity

d)none

Note: You can apply NotMapped attribute to a property which you do NOT want to create a column in a database table for.

28.Which of the following arguments of the CREATE TRIGGER statements specifies

the security context under which the trigger is executed.

a)all server

b)with encryption

c)execute as----------ans

d)instead of

27.By default, LINQ supports which of the following

i.Lazy Loading----------ans

ii.Eager Loading

iii.Deferred Loading

Note:By default LINQ supports lazy loading.(http://www.dotnettricks.com/learn/entityframework/difference-between-lazy-loading-and-eager-loading)

26.Which of the following statements are true about trigger creation?(multiple)

a.CREATE TRIGGER must be the first statements in the batch----------ans

b.CREATE TRIGGER must be the last statements in the batch

c.CREATE TRIGGER can apply to only one table----------ans

d.CREATE TRIGGER can apply to multiple tables

e.A trigger is created only in the current database;however a trigger

can references objects outside the current database----------ans

25.Which of the following two are name types of SQL Server Files?

select one or more:

a:Physical_File_name

b:Logical_file_name.....ans

c:Primary_File_Name

d:Os_File_Name.....ans

23.23)which of the following options are true about temp. stored procedures

with respect to performance?

b:Heavy use of temporary stored procedures can create contention on the system tables in tempdb and adversely affect performance.....ans

c:It is recommended that sp_executesql be used instead.....ans

e:sp_executesql discard data in the system tables and therefore avoids the problem.....ans

22.In entity framework ,Data is retrieved as objects.

true.....ans

false

21.What are Entity state members?

select one

a:Added

b:Deleted

c:Modified

d:All of the listed options.....ans

20. What is entity key?

select one

a. An entity is a property or a set of properties of an entity type that are used to determine identity.----------ans

b. An entity is a property or a set of properties of an entity type that are used to determine the column for searching index

c. An entity is a property or a set of properties of an entity type that are used to identify relationship among the entities

d. All of the listed options

19.Read the following definition and choose the correct option. -->Contains methods to create types of objects locally or remotely ,or obtain references to existing remote objects.

select one

a:Activator.....ans

b:Validator

c:ModelBinder

d:Dependency Resolver

18.You need to perform an arithmetic operation in Razor view. which of the following will accomplish the task?

a. "@[value][arithmatic operator][value]"

b. "@;([value][arithmatic operator][value])"

c. "@:([value][arithmatic operator][value])"

d. "@([value][arithmatic operator][value])"----------
ANS

17.What are the features supported by SQLXML in SQL Server?

select one or more

a. ability to transform the result of a query into XML on the client side ----------
----------ANS

b. ability to create an XML view of relational data bye using an annotated XSD mapping schema file----------ANS

c. ability to access SQL server using HTTP----------
ANS

d. ability to access SQL server using TCP/IP

e. ability to expose functionality offered by stored procedures, user-defined functions, and template queries as SOAP-based web services----------
ANS

16. What will be the output of the following code

```
Public ActionResult Search (string idea="A"){

        return View();

}
```

I. It will set the default value of String idea to "A"

II. It will set the default pointer of idea to "A"

Select one:

a. Both I and II

b. II only

c. None of the listed

d. I only----------ANS

15.In which of the following conditions one should go for partitioning table

select one or more:

a.table contain large amounts of data that are used in different ways.-----ans

b.database contain large amount of table

c.Queries or updates against the table are not performing as intended, or maintenance costs exceed predefined maintenance periods.....ans

d.If tables has many columns.

14.which of the statement are true about DATABASE argument of the create trigger statement

select one or more:

a.applies scope of DDL to current database.----------ans

b.The trigger fires whenever event_type or event_group occours.----------ans

c.The trigger fires whenever new record is inserted in table in current database

d.The trigger fires whenever record is deleted from table in current database.

13.which of the following method is used to change relationship state of two entity object

a.ChangeRelationship

b.ChangeRelationshipState----------ANS

c.ChangeRelation

d.None of the above

12.Which file will conatin the application level configurations?

select one:

a.Config.config

b.Global.aspx

c.Web.config.....ans

d.Packages.Config

Note:ASP.NET configuration data is stored in XML text files that are each named Web.config.

11.What does LINQ to SQL do:

I.It enables you to query data using Datacontext

II.It provides tightly coupled approach

Select one:

a.onlt I

b.only II

c.both I and II----------ANS

d.neither I or II

10.Entity Framework_____ all data before storing it to the database by default ,using valiadtion method.

b.Validates .....ans

9.Datepicker lets yu pic date from calendar instead of writing it?true----ans

8.Show alert on the page:

a. alert("you have generated an alert box");.....ans

7.Whhich of the following method in Entity type configuration is used to configure an optional relationship?

a.HasOptional.....ans

6.what are the different classes into which sql server divides principals?

ans:a,c,d

5 store schema definition language (SSDL)

4._____ allows you to store and retrieve values using object-property syntax rather than key-value syntax used by dictionary object.

a.ViewBag.....ans

b.Tempdata

c.viewindex

d.ViewData

2.Which of the following is used to configure a Code First Model?

select one

a.Fluent API.....ans

b.EntityModel

c.Web.Config

d.None of the listed options

1.What provides the ability to asynchronously exchange data between a web browser and a web server?

select one

a.XMLHttpRequest.....ans

b.XSLHttpRequest

c.CSSHtmlRequest

d.XMLHtmlRequest

****

gokul-1st attempt

(Gokul)

1.You are given a task to make the current from secure such that it can be prevented cstf.Which of the following will be helpful?

Select one:

a.<% using(Html.BeginForm()){%><% = Html.AntiLibrary()%>

b.<% using(Html.BeginForm()){%><% = Html.AntiForgeryToken()%>----------ANS

c.<% using(Html.BeginForm()){%><% = Html.AntiCSRFToken()%>

d.<% using(Html.BeginForm()){%><% = Html.AntiCSRFLibrary()%>

2. Which of the follwing statements are true about AFTER trigger?

Select one or more:

a.AFTER trigger executes after the statement that triggeres it completes.....ans

b.AFTER trigger executes after the last trigger in the queue.

c.If the statemnt falls with an error the trigger is not executed.....ans

d.AFTER triggers cannot be specified for tables,they can only be specified foe views

e.AFTER triggers cannot be specified for views,they can only be specified foe tables.....ans

ANS:a,c,e

3. The ObjectContext class is not thread-safe

State True or False

Select one:

True----------ANS

false

4.How can the execution plans of queries on partitioned tables and indexes be examined?

Select one or more:

a.By using the transact-SQL SET SHOWPLAN_XML

b.By using the transact-SQL SET STATISTICS_XML----------ANS

c.By using the transact-SQL SET PARTITION_XML

d.By using the transact-SQL SET INDEX_XML

5.Analyse the link:-"Http"//localhost/music/".Choose the option which is correct for it.

I.Not running under cassini.

II.Running under IIS.

Select one:

a.I only

b.II only----------ANS

c.Both I and II

d.None of the listed options.

6.public void TestDate()

{

Distance z= new Distance();

var message = new Sample(z);

AssertAreEqual(distance,message.z);

}-Analyse the code and identify why it will not work.

Select one:

a.[Status=TestMethod]is not written

b.[TestMethod]is not written

c.proper refference is not invoked at the start of the test. ----------ANS

d.None of the above

7. What are the benefits of using a Unique index?

Select one or more:

a.It is less error prone.....ans

b.Data integrity of the defined columns is ensured.....ans

c.Additional information helpful to the query optimizer is provided.....ans

d.The performance is not degraded.

ANS:a,b,c

8.Which of the following is a way to install/download a Nuget in your system?

Select one:

a.All the listed options

b.In visual studio, go to tools->Extension Manager->search Nuget->install

c.In your browser go to nuget.org->click on Download----------ANS

d.In a visual studio,right click on References->Add LibraryPackagesReferences->search Nuget->Install

9.public class DependencyResolver

- is the syntax for Dependency Resolver class

State True or False

Select one;

True----------ANS

False

10.How can we create basic Entity Mapping?

Select one:

a.modelBuilder.Entity<Blog>().MapStoredProcedures();

b.modelBuilder.Entity<Blog>().MapToStoredProcedures();----------ANS

c.modelBuilder.Entity<Blog>().ToStoredProcedures();

d.modelBuilder.Entity<Blog>().StoredProcedures();

11) Which of the following is true for DB initialization in config file

ANS

<?xml version="1.0" encoding="utf-8"?><configuration><appSettings>

<add key="DatabaseInitializerForTypeBlogdataLayer.BlogDBContext, BlogDataLayer"

value="System.Data.Entity.DropcreateDatabasealways'1[[BlogdataLayer.BlogDBContext,BlogdataLayer]],EntityFramework"/>

</appSettings></configuration>

12) LINQ stands for-----

Line integrated new query

Language integrated new query

Language integrated Query---------ANS

Line Integrated Query

13) Which of the following option is correct about navigation property

Navigation properties provide a way to navigate an association betwwen two entity types

Every object can have a navigation property for every relationship in which it participates

Navigation properties allow you to navigate and manage relationship in both directions, returning either a reference object or a collection

All of the options----------ANS

14) How is a user defined table valued function in select insert update or delete statements is invoked?

a user defined table valued function can be invoked in the from clause of a select, insert, update and delete statement----------ANS

a user defined table valued function can be invoked as a stored procedure from a select, insert, update and delete statement

a user defined table valued function can be invoked in the where clause of a select, insert, update and delete statement

a user defined table valued function can be invoked in the using clause of a select, insert, update and delete statement

15) Entity framework supports automatic change tracking of the loaded entities during the life time of the conext.

true----------ANS

false

16) Which are the different types of file groups?

Secondary

Primary----------ANS

User-defined----------ANS

Hidden

17) Which statements are true about CLR stored procedures?

It is a reference to a microsoft .net framework common language runtime(CLR) method----------ANS

the method can only take and return user-supplied parameters.----------ANS

the method can only take input parameters.

they are implemented as public static ,methods on a class in a .net framework assembly----------ANS

they atre implemented as private protected methods on a class in a .net framework assembly

18) You are working on a web application and for a particular small operation it is loading the whole page. Which of the following technology will you adopt to improve the functionality

AJAX----------ANS

C++

sharepoint

selenium

19) Which of the following methods make entity framework for detecting changes automatically?

DbSet.Find

DbSet.remove

DbSet.Attatch

All of the options----------ANS

20) Which exception will raise when you define an Entity Data Model that uses stored procedures to make updates to the data source

OptimisticException

ConcurrencyException

OptimisticConcurrencyException

None of the listed options---------- ANS (doubt) may be ans is dbupdateconcurrencyexception.....right

21) By default value of "UnobstrusiveJavaScriptenabled" is

FALSE----------ANS

TRUE

NONE

AUTO

22) Which of the following will render carinfo object stored in viewbag to a view

---------- ANS

car information: @ViewBag.carinfo

23) Problem statement:- peter is a web developer and has created website in ASP>NET MVC# using razor view. people were giving feedback on his site without goignthrough the products details page. they were navigating to the feedback page by

editing the url.

as a friend suggest him to use "ChildAction" through "@Html.Action".which of the following would he chose??

peter should use "@html.goThrough" inplace of "@Html.Action"

peter should use "ChildActionOnly" inplace of "ChildAction"----------Ans

24) Which method converts string to HTML Encoded string

HtmlUtility.Httpcode

HttpUtility.HtmlEncode----------ANS

HttpUtility.Htmlcode

HtmlUtility.XmlEncode

25) ModelBinder interface defines---------

the methods that are required for a model binder----------ANS

the .dll filesthat are required for a model binder

the interface that are required for a model binder

the assembly that are required for a model binder

41. You are given a task by your manager that includes assembly binding.Which file would you configure?

select one:

a.System.config

b.web.config

c.Machine.config----------ANS

d.Config.config

42.

Unchanged state is the default state for an entity while the entity is retrived from the database

a.True----------ANS

b.False

43.Which of the statement is true about VARCHAR datatype?

select one or more:

a.varchar can hold alphanumeric data----------ANS

b.The storage size of varchar data type is fixed

c.Each row can hold different no of characters up to the maxlength defined.----------ANS

d.Each row can hold fixed number of characters as defined by max length.

44.Which action result typewill return a temporary redirect(HTTP 302 sattus code) or a permanent redirect(HTTP 301 status code),depending on a boolean parameter?

select one:

a.HttpStatusCodeResult

b.HttpRedirectResult

c.HttpNotFoundResult

d.RedirectResult----------ANS

45.Machine.config contain setting that apply to entire network.

a.true----------ANS

b.False

46._____is an XML -based language which describes the entities ,functions and relationships which create a conceptual model of a application.

select one:

a.conceptual schema definition language(CSDL)----------ANS

b.Conceptual set definition language(CSDL)

c.conceptual select definition language(CSDL)

d.None of above

47. Which statements are true about the max constant in a varchar type?

a.It can be used when the data can exceed more than 8000 charactes.----------ans

b.it can be used to fix the max length of charactes for the entire column----------ANS

c.It can be used to store large blocks of text.----------ANS

d.It can be used to store large image types.

48.EDMX is an XML file

a.true----------ANS

b.False

49.Which of the package can be used to write an implementation for ASP.NET identify that targets different persistence store such as Azure Table Storage,NoSql database etc.

a.Microsoft.AspNet.Identity.Core----------ANS

b.Microsoft.AspNet.Identity.EntityFramework

c.Microsoft.AspNet.Identity.OWN

d. Microsoft.AspNet.Identity.Security

50.How can we stop autodetection change in entity framework?

select one:

a.Context.Configuration.AutoDetectChangesEnabled=false;----------ANS

b.Context.Configuration.AutoDetectChangesdisabled=false;

c.Context.Configuration.AutoDetectChangesEnabled=true;

d.Context.Configuration.AutoDetectChangesdisabled=True;

51)Which of the following statements are TRUE?

i.The CompiledQuery class provides compilation and caching of queries for reuse

ii.Execute method is to create a new delegate to represent the compiled query

iii.Once the query is compiled you can supply parameters of primitive type but you cannot replace parts of the query that would change the generated SQL

a.i and ii

b.ii and iii

c.i and iii----------Ans

d.i,ii and iii

52)Which of the following require type-casting in the View?

i.ViewData

ii.TempData

a.i only

b.ii only

c.Both i and ii----------Ans

d.None of the listed options

53)Which of the following snippet creates database in local sql express by default?

i.public class Context:DbContext

{

public Context():base()

{

}

}

ii.public class Context:DbContext

{

public Context():base("DB Name")

{

}

}

iii.public class Context:DbContext

```
{
public SchoolDBContext():base("name=EduDB")
{
}
}
```

a.i and ii

b.i and iii

c.ii and iii----------ans

d.i,ii and iii

54)Which of the following code snippets is correct for an entity Post having relationship with Blog?

a.modelBuilder.Entity<Post>().HasRequired(p=>p.Blog)----------Ans

b.modelBuilder.Entity<Post>().NeedRelationship(p=>p.Blog)

c.modelBuilder.Entity<Post>().Required(p=>p.Blog)

d.None of the listed options.

55)IObjectContextAdapter Interface is used to:

a.get the reference of ObjectContext from object

b.get the reference of ObjectContext from Entity

c.get the reference of ObjectContext from DBModel

d.get the reference of ObjectContext from DBContext----------Ans

56)Which of the following are database initializers used in Entity Framework?

a.CreateDatabaseIfNotExists----------Ans

b.DropCreateDatabaseIfModelChanges----------Ans

c.DropDatabaseAlways

d.DropCreateDatabaseAlways----------Ans

e.CreateDatabaseAlways

57)What are the different classes into which the SQL Server divides principals?

a.Windows-level principal----------Ans

b.Field-level principal

c.Database-level principal----------Ans

d.SQL Server-level principal----------Ans

58)What is entity key?

a.An entity key is a property or a set of properties of an entity type that are used to determine identity----------Ans

b.An entity key is a property or a set of properties of an entity type that are used to determine the column for searching index

c.An entity key is a property or a set of properties of an entity type that are used to identify relationship among the entities

d.All of the listed options

59)In remote validation HttpPost is used by default.State True or False.

a.True----------ans

b.False

60)Which of the following are different Securable scopes?

a.Server----------Ans

b.Client

c.Database----------Ans

d.Schema----------Ans

****

2.How does the ROWCOUNT_BIG function work?

select one or more

a.Returns the total number of rows in a table

b.Returns the number of rows affected by the last staetement executed----------ans

c.The return type of ROWCOUNT_BIG is bigint----------ans

d.The return type of ROWCOUNT_BIG is int

3.For which attributes of columns,clustered indexes are not advisable?

select one or more

a.Columns are unique or contain distinct values

b.Columns change frequently------ans

c.Columns are accessed sequently

d.when there are wide keys.-----ans

4.which of the following will render carinfo object stored in VIewBAg to a view?

select one

a.

car information: @ViewBag{carinfo}

b.

car information: @View.carinfo

c.

car information: @ViewBag.carinfo

----------ans

d.

car information: @ViewBag.display(carinfo)

5.As good practice what should you follow to prevent XSS attacks?

select one or more

a.Santize HTML markup----------ans

b.Donot put untrusted data---------ans

c.Do not use javascript

d.Do allow cross scripts----------ans

6.What do you understand by state management?

select one:

a.It is a process by which you override the state and client information over multiple requests for the same pages.

b.It is a process which you override the state and page information over single functional calls for the same controller

c.It is a process by which you maiintain the client and server information over multiple requests for the same or different pages

d.It is a process by which by whoch you maintain the state and page information over multiple requests for the same or different pages------ans

7.What do you mean by eager loading in MVC?

I.Related objects(child objects)are loaded automatilly with its parent object.

II.Related objects(child objects)are not loadede automatically with its parent object until they are requested.

Select one:

a.I only----------ans

b.None

c.Both I and II

d.II only

12.How are user-defined functions different from User-defined stored procedures?

sselect one or more

a.In user-defined function the default parameter is specified with a DEFAULT keyword----------ans

b.In user-defined function omitting the parameter also implies default value

c.User-defined functions do not support output parameters----------ans

d.User defined functions do support output parameters

16.As a good practice we should put HTML in which of the following?

I.View

II.Partial View

III.Semi-Partial View

select one:

a.I and II----------ans

b.II and III

c.I and III

d.I,II,III

18.What is the difference deterministic & non-determinstic scalar-valued function?

select one or more

a. A non-determiinstic function always returns the same result when it is called with a specific set of input parameters

b.A deterministic function always returns the same result when it is called with a specific set of input parameters----------ans

c.A non-deterministic function always returns the different results when it is called with a specific set of input parameters----------ans

d.A deterministic function always returns the different results when it is called with a specific set of input parameters

19.Which of the following option is Correct to turn off lazy loading for all the entities for BLogging Context?

select one:

a.public class BloggingContext :DbContext{public BloggingCOntext()
{this.Configuration.LazyLoadingEnabled =false;}}----------ans

b.public class BloggingContext :DbContext{public BloggingCOntext()
{this.Configuration.LazyLoadingEnabled =true;}}

c.public class BLoggingContext :DbContext{public BloggingCOntext()
{this.Configuration.LazyLoadingDisabled =true;}}

d.None

20.Which method in MOdelBuilder make sure that entity should have relationship with other entity?

select one:

a.Required

b.NeedRelationship

c.HasRequired----------ans

d.None

22.Which of the following are the attributes of System.ComponentModel.DataAnnotations.Schema class?

a. Timestamp----------ans

b. Model

c. ConcurrencyCheck----------ans

d. Entity

24.Which of the following statement is used to fetch an entity using composite key ?

select one:

a.Context.MYDbSetTableEntity.Find(key1,key2)----------ans

b.Context.MYDbSetTableEntity.Take(key1,Key2)

c.context.MyDbSetTableEntity.Include(key1,key2)

d.context.MyDbSetTableEntity.GetEntity(obj)

26.Which of the following are the properties of the HTTPConfiguration Class?

select one or more:

a.Stack Tree

b.Dependency Resolver---------ans

c.Message Handlers----------ans

d.Comparer

27.Choose the code to show alert on page.

select one:

a.alert("you have generated an alert box")

b.alert("you have generated an alert box");----------ans

c.None

d.alert(you have generated an alert box);

28.ObjectContext is a class.

state true or False

true----------ans

false

29.Using which system Storeprocedure the administrator will register the extended stored procedure DLL to the SQL server?

select one:

a.sp_ActiveDirectory_obj

b.sp_addextendedproc----------ans

c.sp_addlinkedsrvlogin

d.sp_addlinkedserver

30.Entity Framework can track changes to the model's objects.

True----------ans

FAlse

31.What type of authentication accepts login credentials that will be checked against the domain or local server and are sent in a hashed format?

select one:

a.BAsic Authentication

b.Digest Authentication----------ans

c.Forms Authentication

d.Windows Authentication

d.All

32.which of the following class provides you important methods to configure entities and its properites to override various code-first conventions?

select one

a.EntityCOntext

b.EntityTypeCOnfiguration----------ans

c.DBCOntext

d.ObjectContext

34.ObjectCOntext EF v4.0 and DbCOntext EF V4.1

True

FAlse

35.There can be one PreApplicationStartMethod per assembly.

True-------ans

False

36.In COnceptual model,which of the following defines relationship between two entity types?

select one:

a.Entity

b.Association----------ans

c.Object

d.None

37.Which of the following annontation is to EF that a particular property is required ?

select one:

a.Needed

b.required----------ans

c.Unique

d.Key

39.which of the following loads the related data inscalaar and navigation properties along with query result at first shot ?

select one :

a.LAzy Loading

b.Eager Loading----------ans

c.Explicitly Loading

d.Dynamic Loading

42.which class is used to execute an Entity SQL COmmand against an entity mode ?

select one

a.EntityCommand----------ans

b.EntityCOnnection

c.SqlCOmmand

d.None

43.which statement are true about an inline scalar function?

selct one or more

a.There is no functiion body----------ans

b.The function body defined in BEGIN ...END block contains a series of T-SQL statements----------ans

c.The scalar value is a result of a single statement----------ans

d.The scalar value is a result of all statements in the BEGIN...END block

45.To enable globalization ,whcih of the following parameters are set in auto mode?

select one or more

a.Languge

b.Culture----------ans

c.Localization

d.Uiculture----------ans

46.which of the following advantage does a strongly typed view have ?

select one:

a.Run time

b.Intellisense---------ans

c.faster buffering

d.loading

48.The controller class is responsible for the following processing stages:

selct one:

a.Locating the appropriate action method to call and validating that it can be called

b.Getting the values to use as the action method's arguments.

c.Handling all errors that might occur during the execution of the action method

d.All----------ans

51.Choose a unit test to check whether the partcipant A1 has covered half distance of total.

Select one

a.

```
[TestMethod]
{
  int total_distance=2;
  int distance_covered=10;
```

```
  int distance_left=10;


  Disatnce d1=new Distance("A1",total_distance)
  d1.covered(distance_covered);
  int left=d1.remaining;


  Assert.AreEqual(distance_left,left); ----------ans
}
```

b.

```
[TestMethod]
{
  int total_distance=2;
  int distance_covered=10;
  int distance_left=10;


  Disatnce d1=new Distance("A1",total_distance)
  d1.covered(distance_covered);
  int Left1=d1.remaining;


  Assert.AreEqual(distance_left.left);
}
```

c.

```
[TestMethod]
{
  int total_distance=2;
  int distance_covered=10;
  int distance_left=10;

  Disatnce d1=new Distance("A1",total_distance)
  d1.covered(distance_covered);
  int Left1=d1@remaining;

  Assert.AreEqual(distance_left.left);
}
```

d.All the listed options

53.What does the following code denote?(not sure)

```
DECLARE @odetails orderdetails;
SELECT @odetails =orderdetais::GetFirstItem();
PRINT @odetails.ToString();
```

Select one or more:

a.It denotes usage of Scope Resolution operator-----ans

b.It denotes usage of Compound operator

c.The operator is denoted by a::symbol-----ans

d.The operator provides access to public non-static memebers of acompind data type

e.The operator provides access to static memebers of a compund data type.

56.Which of the following model is the design model to include tables,stored procedures,views,keys and relatonship?

Select one:

a.Mapping

b.Conceptual----------ans

c.Storage

d.None of the listed options.

57.Views are used to control placement of_____.

Select one:

a.Object=----------ans

b.Property

c.data

d.File

58.Which of the following method of the ObjectStateManager is used to get Object State entry?

Select one:

a.TryGetObectStateEntry----------ans

b.ChangeObjectState

c.GetRelationshipManager

d.ChangeRelationshipState

59.Which of the following are database intialization strategies in EF Code First?

Select one or more:

a.CreateDatabaseIfNotExists----------ans

b.MigrateDatabaseToLatestVersion

c.CustomDBInitializer----------ans

d.AlterDatabasewithchanges

****
****
****

MATHI

1) Which namespace is used to include NET data provider for SQL server?

a)System Data SqlClient----------Ans

b)System Data ComponentModel

c)System Data SqlProvider

d)System Data OracleClient

2) When you execute user-defined functions that return scalar values, hw are the parameters specified?

a)The argument values are enclosed in paranthesis

b)The argument values are not enclosed in paranthesis-------Ans

c)Parameter names can be specified----------Ans

d)If parameter names are specified the argument.....

3) Which libraries are added for XSS provision?

a)HTMLSerializationLibrary

b)CSRFLibrary

c)AntiXSSLibrary-------Ans

d)SecurityLibrary

6) LINQ to XML is based on in-memory XML programming interface

=> True-----Ans

7) You are given a task to restrict the user to enter the surname which shall not be more than 15 characters How you will achieve this/

=> [StringLength(15)]

public string Sname(get , set)---------Ans

8) Entity data model considers the business domain

=> True------Ans

10)Database model provides the normalized schema designed by the database administrator

=> True-------Ans

11)SELECT name AB object_name

.SCHEMA-NAME(schema_id) AB schema_name

.type-desc

.create_date

.modify_date

FROM sys objects

=> It uses the sys.objects catalog view--------Ans

=> It returns all databases objects that have been newly added in the last 10 days-------Ans

12)Match the following

=> Globalization is the process of = Making a product multi------Ans

=> Localization is the process of = Adapting a global product for a particular language and country---Ans

14)Which does the following syntax do?

CREATE TABLE T1(Col1 int primary key, Col2 xml)

=> It creates a column of type xml--------Ans

=> it creates an empty table------Ans

15)JsonResult Class has which of the following syntax?

=> public class JsonResult : ActionResult---------Ans

17)We can write raw sql query in SQLQyery() method in entity framework

=> True----Ans

****

2..edmx file will create which of the following?

select one:

a.Entities & Relationships----------ans

b.Entities & keys

c.Entities

d.None

5.In which of the following the entities and relationships are created on the EDMX design surface?

select one:

a.Code First Approach

b.Model First Approach----------ans

c.Database Approach

d.None

7.What are available Database intializer in EntityFramework Code First model?

select one:

a.CreateDatabaseIfNotExists----------ans

b.DropCreateDatabaseWhenModelChanges

c.DropCreateDataabase Always

d.All

8.whenever a user clicks on a product, you have to make sure to ask him/her whether he/she sure about it or not .

which of the following would you choose ?

select one :

a.<%=Ajax.ActionLink("Click here","Sample". new AjaxOptions
(LoadingElementId="AONE",Question="Are you sure ?", Update
TargetId="ProductAone",})%>

b.<%=Ajax.ActionLink("Click here","Sample". new AjaxOptions
(LoadingElementId="AONE",Confirm="Are you sure ?", Update
TargetId="ProductAone",})%>----------ans

c.<%=Ajax.ActionLink("Click here","Sample". new AjaxOptions
(LoadingElementId="AONE",Query="Are you sure ?", Update TargetId="ProductAone",})%>

d.<%=Ajax.ActionLink("Click here","Sample". new AjaxOptions
(LoadingElementId="AONE",Ask="Are you sure ?", Update TargetId="ProductAone",})%>

11. Where can CLR functions be used?

select one or more:

a. CLR functions can be used to access external files----------ans

b. CLR functions can be used to access network resources----------ans

c. CLR functions can be used to configure the instance of SQL server

d. CLR functions can be used to access web services----------ans

e. CLR functions can be used to connect to other databases

12. which of the following are valid for a Contoller class?

a. Encapsulating presentation logic

b. handling all errors that might occur during the execution of the action method.----------
ans

c. storing data in a persistent storage

d. getting the values to use as the action method's arguments----------ans

(https://msdn.microsoft.com/en-in/library/dd410269(v=vs.100).aspx)

13. what are available database initializers in EntityFramework Code first model?

a. CreateDatabaseifNotExists.----------ans

b. DropCreateDatabaseWhenModelCHanges

c. DropCreateDatabaseAlways----------ans

d. All given options

15. which of the following are used to locate the entities at ends of an association in a conceptual model?

a. Navigation properties----------ans

b. Attributes

c. Index

d. Proxy

16 and 21(both same options in diff order). which of the following code will provide custom error pages for 404 errors and general exceptions?

a. <system.web>

<customErrors mode=”RemoteOnly” defaultRedirect=”Error/GeneralException”>

<errorstatuscode=”404”redirect=ErrorController.Status404”/>

</customerrors>

</system.web>

----------ans a

b. <system.web>

<customErrors mode=”LocalOnly” defaultRedirect=”Error/GeneralException”>

<errorstatuscode=”404”redirect=ErrorController.Status404”/>

</customerrors>

</system.web>

<system.webServer>

<httpErrorserrormode=”Detailed”/>

</system.web>

c. <system.web>

<customErrors mode=”RemoteOnly” defaultRedirect=”Error/GeneralException”>

<errorstatuscode=”404”redirect=ErrorController.Status404”/>

</customerrors>

</system.web>

<system.webServer>

<httpErrorserrormode=”Detailed”/>

</system.web>

d. <system.web>

<customErrors mode=”RemoteOnly”>

<errorstatuscode=”404”redirect=ErrorController.Status404”/>

<errorstatuscode=”GeneralException”redirect=”Error/GeneralException”/>

</customerrors>

</system.web>

<system.webServer>

<httpErrorserrormode=”Detailed”/>

</system.web>

22. You want to return a file from the server which method you will use?

a. Display File

b. return file----------ans

c. download file

d. None

23. which of the followinf are used to locate the entities at the ends of an association in a conceptual model?

a. Navigation properties----------ans

b. attributes

c. Index

d. Proxy

25. Which of the following statements are true about AFTER Trigger?

Select one or more:

a. AFTER trigger executes after the statement that triggered it completes.----------ans

b. AFTER trigger executes after the last trigger in the queue.

c. if the statement fails with an error the trigger is not executed.----------ans

d. AFTER triggers cannot be specified for tables, they can only be specified for views

e. AFTER triggers cannot be specified for views, they can only be specified for tables.----------ans

29. Repeated

30. Localization is also known as.....

a. LCN

b. L10N----------ans

c. All

d. LOC-zation

32.The output cache contains a different version of the requested document for each combination of specified parameters is applicable for?

select one:

a.VaryByCustom

b.VaryByControl

c.VaryByParam----------ans

d.VaryByheader

34(Kajal).which of the following is an example of direct mapping?

select one:

a.modeBuilder.Entity<Product>().property(p=>p.ID).DirectMap("product_id");

b.modeBuilder.Entity<Product>().property(p=>p.ID)==("product_id");

c.modeBuilder.Entity<Product>().property(p=>p.ID)=("product_id");

d.modeBuilder.Entity<Product>().property(p=>p.ID).HasCoulmnName("product_id");----------ans

34(Prajakta). which of the following add-in is helpful in TDD?

I. coderush express

II. Test Express

a. None

b. II only

c. I only----------ans

d. Both I and II

42. which of the following are valid for a controller class ?

select one or more

a.Getting the values to usse as the action methods arguments----------ans

b.Handling errors that might occur dring the execution of the action method----------ans

c.storing data in a persistent storage

d.Encapsulating presentation logic

48.Resource files have _____ extension.

select one:

a. .rsrcx

b. .srcx

c. .resx----------ans

d. .src

55. which of the following class provides you important methods to configure entities and its properties to override various code first conventions?

select one:

a.EntityCOntext

b.EntityTypeCOnfiguration----------ans

c.DBContext

d.ObjectContext

57.when you are testing the value of variable "a" is not getting set and you need to have value of "a" before stating of test.

How will you solve this error?

select one:

a."Test.Initialize" public void Initialize() {var a="sometestvalue";}

b.[Testinitialize] public void Initialize() {var a="sometestvalue";}----------ans

c.[IntializeBeforeTest]public voidInitialize() {var a="sometestvalue";}

d.public void Initialize() {var a="sometestvalue";}

****

3.Which of the following statements is used to fetch an entity using composite key?

Select one:

a.context.MyDbSetTableEntity.Find(key1,key2)-----ans

b.context.MyDbSetTableEntity.Take(key1,key2)

c.context.MyDbSetTableEntity.Include(key1,key2)

d.context.MyDbSetTableEntity.GetEntityKey(Obj)

4.While testing,you are using dynamically generated test double.Which type of test double it is?

Select one:

a.Stubs-------ans

b.Fakes

c.None of the listed options

d.Mocks

6.Which of the following namespace supports code-first conventions?

Select one:

a.System.Data.Entity

b.System.Data.ComponentModel

c.System.Data.Entity.ModelConfiguration.Conventions----------ans

d.None of the listed options

7.What is "ExcuteStoreCommand" method?

Select one:

a.Run SQL statements in an Entity framework environment

b.Stores values in the model

c.excute xml data

d.None of the listed options.----------ans

8.What is the purpose of key annotation?

Select one:

a.To set the columns as Unique

b.To set the columns as required

c.To set the columns as primary key----------ans

d.To set the columns as foreign key

10.Which statement are true about Global Temporary stored procedure?

Select one or more:

a.A Global temporary procedure is available to all connections.----ans

b.A Global temporary procedre is available to all connections with explicit EXECUTE permission.

c.A Global temporary procedure is dropped when the clean-up function is called by the calling procedure.

d.A Global temporary procedure is dropped at the end of the last session using the procedure.-----ans

e.If a global temporary procedure is created,all users with EXCUTE permissions can access it & permissions can also be revoked explicitly.

15.You want a particular section of your site to be accessed by "Admins" only.Which of the following is the correct option to go about it?

Select one:

a.Allow=Admins

b.Access="Admins"

c.Authorize(Roles=Admins")------ans

d.(Authorize="Admins")

17.What will be the order of TDD steps:

I.Write enough code so that it passes the test.

II.Write a unit test.

III.Run the test again to watch it pass.

IV.Watch it fail.

Select one:

a.II,IV,I,II----------ans

b.III,I,II,IV

c.IV,I,II,III

d.II,I,IV,III

19.ajaxStart(callback)-What is the function of this method?

Select one:

a.Attach a class library to be executed, whenever an AJAX reqest begins and there is more tahn one active.

b.Attach a header to be executed,whenever an AJAX reqest begins and there is none already active.

c.Attach a function to be executed,whenever an AJAX reqest begins and there is none already active.----------ans

d.Attach a method to be executed,whenever an AJAX reqest begins and there is none already active.

23.What does the following Query do?

INSERT INTO docs

  SELECT 10,xCol FROM (SELECT * FROM OPENROWSET(BULK 'C:\temp\xmfile.xml',SINGLE_BLOB)AS xCol)AS R(xCol)

Select one:

a.It is typed XML insert statement.

b.Strong XML Data Generated Using FOR XML with TYPE Directive

c.A new row is inserted into the table named docs-------ans

d.Querying and Modifying XML Data.

Note:The INSERT statement in the following code segment reads the content of file C:\temp\xmlfile.xml as a BLOB by using OPENROWSET.

A new row is inserted into the table named docs with a value of 10 for the primary key and the BLOB for the XML column xCol.

A well-formedness check occurs when file content is assigned to the XML column.

24.Which of the following statements are TRUE?

I.Multiple entity sets can be defined using the same entity type.--true

II.An instance of a given type can only exist in one entity set.---ans

III.The entity key for the instance may not unique within the entity set.

Select one:

a.I and II-----ans

b.II and III

c.I and III

d.I,II and III

Note:The entity key for the instance is unique within the entity set.

26.How can we set primary key explicitly for an entity?

Select one:

a.ModelBuilder.CreateKey<Entity>(t=>t.keyColumnYouWant);

b.modelBuilder.Entity<Entity>().HasKey(t=>t.keyColumnYouWant);-----ans

c.ModelBuilder.Key<Entity>(t=>t.keycolumnYouWant);

d.None of the listed options.

27.Eager loading is the process of loading related entites/objects.

State True or False

Select one:

True---ans

False

32.You need to install A but it requires B.In this scenario,what will the Nuget download?

Select one:

a.Only A

b.It will throw an error----ans(build error will be thrown)

c.A & B

d.Only B

34.In which of the following options, Aggregate functions be used as Expressions?

Select one or more:

a.The select list of a SELECT statement(either a subquery or an outer query) -----ans

b.A COMPUTE or COMPUTE BY clause

c.A GROUP BY clause

d.A HAVING clause----ans

e.An OVER clause

36.Entity Framework(EF) is an Object/Relational mapping

State True or False

Select one:

True----true

False

39.Commands on console are implemented as powershell command.

State True or False.

Select one:

True---ans

False

40.Which of the following options are CORRECT about entity relationships?

I.n Entity Framework, an entity can be related to other entities through an association(realtionship)

II.Each relationship contains two ends that describe the entity type and the multiplicity of the type(one,zero-or-more,or many)for the two entites in that relationship.

Select one:

a.Only I

b.Only II

c.Neither I nor II

d.Both I and II.----ans

42.Code-First will create the database tables with the name of_____ properties in the context class.

Select one:

a.Entity

b.Oject

c.Model

d.Dbset----ans

43.What do you understand by RAW ajax?

Select one:

a.To communicate to business server making the use of "XMLHTTPREQUEST"

b.To communicate to database server making the use of "XSLREQUEST"

c.To communicate to client server making the use of "XMLHTTPREQUEST"

d.To communicate to database server making the use of "XMLHTTPREQUEST"----------
---ans

45.HTML helpers Supports the rendering of HTML controls in a view.

State True or False.

Select one:

True---ans

False

49.We can have more than 1 Web.config file in ASP.NET MVC3

State true or Fasle

Select one:

True---ans

False

Note:By creating web.config file in sub root folders we can use multiple web.config

files in our application but each folder should contains only one web.config file.

53.Razor view files have Extention_____.

Select one:

a.cshtml----------ans

b.csxml

c.csxss

d.csaspx

56.Which of the following options are CORRECT about data annotations?

Select one:

a.DataAnnontations not only let you describe client and server side validation in your code first classes, but they also allow you to enchance and

even correct the assumptions that code first will make about your classes based on its conventions.

b.With DataAnnotations you can not only drive database schema generation, but you can also map your code first classes to a pre-existing database.

c.DataAnnotations provide only the most commonly needed configuration changes you can be make on your code first classes.

d.All the listed options---------ans

57.What does the Query exeuction plan define?

Select one or more:

a.The sequence in which the source tables are accessed.-----ans

b.The sequence in which the rows are accessed.

c.The methods used to extract data from each table------ans

d.The methods used to arrange data from each table.

58.Which of the following line of code will invoke the cart controllers ad method?

Select one:

a.return redirect("Cart/Add")

b.return View("Cart.Add")----------ans

c.return Content("Cart.Add")

d.Response.Redirect("Cart.aspx?Add")

59.If foreign key columns are not avaliable in the model, the relationships

are reffered with the object references instead of foreign key properties.What is this association called?

Select one:

a.Independent association----------ans

b.Dependent association

c.Relationship

d.EntityRelationship

****

1) Which of the following is the CORRECT option for getting the user whose name is "Raja" and to load all the roles related to the user eagerly?

a. var user = context.Users

.Where(b => b.Name !="Raja")

.Take(b => b.roles)

.FirstOrDefault();

b. var user = context.Users

.Where(b => b.Name =="Raja")

.Select(b => b.roles)

.FirstOrDefault();

c. var user = context.Users

.Where(b => b.Name =="Raja").....ans

.Include(b => b.roles)

.FirstOrDefault();

d. var user = context.Users

.Where(b => b.Name ="Raja")

.Take(b => b.roles)

.FirstOrDefault();

2) Which namespace is used to handle EntityClient provider?

a. System.Data.Annotations

b. None of the listed options

c. System.Transactions

d. System.Data.EntityClient.....ans

3) Which of the following Entity will create a table with the following specifications:

I. It should have FirstName and should be required

II. It should have LastName and should be required

III. Full Name must be FirstName LastName

iV. EmployeeID should be primary key

V. It should have DepartmentID

VI. Department Entity should be lazy loading

a. public class Employee

b. public class Employee

{

[key]

public string EmployeeID {get;set;}

public string FirstName {get;set;}

[DatabaseGenerated(DatabaseGeneratedOption.Computed)]

```
 public string FullName
 {
        get{ return FirstName +"."+LastName;}
  }
  public string DepartmentID{get;set;}
  public virtual Department Department{get;set;}.....ans
}
```

c.
```
public class Employee
{
 [key]
 public string EmployeeID {get;set;}
 public string FirstName {get;set;}
 public string FullName {get;set;}
 public string DepartmentID {get;set;}
 public Department Department{get;set;}
}
```

d.
```
public class Employee
{
 public string EmployeeID {get;set;}
 public string FirstName {get;set;}
 public string FullName {get;set;}
```

```
 public string DepartmentID {get;set;}
 public Department Department{get;set;}
}
```

e.
```
public class Employee
{
 [key]
 public string EmployeeID {get;set;}
 public string FirstName {get;set;}
 public string DepartmentID {get;set;}
 public Department Department{get;set;}
}
```

4) What is meant by eagerly loading in entity framework?

a. Eager loading is the process whereby a query for one type of entity also loads related entities as part of the query.....ans

b. Eager loading is the process whereby a query for one type of entity also load related entities as part of the query on demand

c. None of the listed options

d. Eager loading is the process of query only the details mapped in the entity

5) DdContext is just a lightweight version of the ObjectContext class.

a. True.....ans

b. False

6) What is meant by Materialization in entity framework?

a. Materialization is the process of returning queries back to the client as CLR types.....ans

b. Materialization is the process of returning query results back to the client as entity types

c. Materialization is the process of returning query results back to the client as CLR types

d. None of the listed options

7) How to set maximum length for a column using entity framework?

a. modelBuilder.SetLength<Entity>().Property(t => t.Name).HasMaxLength(50)

b. modelBuiler.Entity<Entity>().Property(t => t.Name).HasMaxLength(50).....ans

c. moderlBuilder.SetMaxLength<Entity>().Property(t => t.Name).HasMaxLength(50)

d. None of the listed options

8) Which of the following statements are TRUE?

I. context.Configuration.ProxyCreationEnabled should be true.

II. context.Configuration.LazyLoadingEnabled should be true.

III. Navigation property should be defined as public, virtual. Context will NOT do lazy loading if the property is not defined as virtual.

a. I,II and III.....ans

b. II and III

c. I and III

d. I and II

Note:

Rules for lazy loading:

context.Configuration.ProxyCreationEnabled should be true.

context.Configuration.LazyLoadingEnabled should be true.

Navigation property should be defined as public, virtual. Context will NOT do lazy loading if the property is not defined as virtual.

9) Entity Framework will support in web services and WCF.

State True or False.

a. True .....ans

b. False

10) LINQ to XML is based on in-memory XML programming interface.

State True of False

a. True .....ans

b. False

11) How can we stop auto detection change in entity framework?

a. context.Configuration.AutoDetectChangesDisable = false;

b. context.Configuration.AutoDetectChangesEnabled = false;.....ans

c. context.Configuration.AutoDetectChangesEnabled = true;

d. context.Configuration.AutoDetectChangesDisable = true.

12) which of the following object is used to track changes, manage entities, concurrency and relationship of the entities?

a. DbContext

b. EntityDataModel.....ans

c. Entity

d. None of the listed options

13) DbContxt.ChangeTracker Property Provides access to features of the context that deal with change tracking of entities. State True or False.

a. True.....ans

b. False

14) Which of the following snippet creates database in local sql express by default?

I. public class Context: DbContext

{

public Context(): base()

{

}

}

II. public class Context: DbContext

{

public Context(): base("DB Name")

}

```
}

}
```

III. public class Context: DbContext

```
{

public SchoolDBContext(): base("name=EduDB")

{

}

}
```

a. I,II and III

b. I and II

c. I and III----ans

d. II and III

15) In foreign key association when the relationship changed, the Entity state of the dependent object will change to EntityState.Modified from EntityState.Unchanged.

state True or False

a. True.....ans

b. False

16) Which of the following is the default database initializer in Entity framework?(default initializer)

a. CreateDatabaseIfNotExists.....ans

b. DropCreateDatabaseAlways----ans

c. DropCreateDatabaseIfModelChanges----ans

d. DropDatabaseAlways

Note:1.CreateDatabaseIfNotExists 2.DropCreateDatabaseIfModelChanges 3.DropCreateDatabaseAlways 4.Custom DB Initializer are the 4 DB initializer

17) Which of the following is CORRECT for the sql implementation of the below linq query from s in context.Students from c in s.Courses where s.StandardId == 1 select new {s.Student,c}

a. SELECT

[Extent1].[StudentId]AS[StudentID],

[Extent1].[StudentName]AS[StudentName],

[Join1].[CourseId1]AS[CourseId],

[Join1].[CourseName]As[CouseName],

[Join1].[Location]As[Location],

[Join1].[TeacherId]AS[TeacherId]

FROM [dbo].[Student]AS[Extent1]

INNER JOIN
(SELECT[Extent2].[StudentId]AS[StudentId],[Extent3].[CourseId]AS[CourseId1],[Extent3].[CourseName]AS[CourseName],[Extent3].[Location]AS[Location],[Extent3].[TeacherId]AS[TeacherId]

FROM [dbo].[StudentCourse]AS[Extent2]

INNER JOIN[dbo].[Course]AS[Extent3]ON[Extent3].[CourseId] = [Extent2].[CourseId]
) AS [Join1]ON[Extent[1].[StudentID] = [Join1].[StudentId]

WHERE 1 = [Extent1].[StandardID]

b.SELECT

[Extent1].[StudentId]AS[StudentID],

[Extent1].[StudentName]AS[StudentName],

[Join1].[CourseId1]AS[CourseId],

[Join1].[CourseName]As[CouseName],

[Join1].[Location]As[Location],

[Join1].[TeacherId]AS[TeacherId]

FROM [dbo].[Student]AS[Extent1]

INNER JOIN
(SELECT[Extent2].[StudentId]AS[StudentId],[Extent3].[CourseId]AS[CourseId1].[Extent3].[CourseName]

[Join1].[CourseId1]AS[CourseId],

[Join1].[CourseName]AS[CouseName],

[Join1].[Location]As[Location],

[Join1].[TeacherId]AS[TeacherId]

FROM [dbo].[Student]AS[Extent1]

INNER JOIN
(SELECT[Extent2].[StudentId]AS[StudentId],[Extent3].[CourseId]AS[CourseId1],[Extent3].[CourseName]AS[CourseName],[Extent3].[Location]AS[Location],[Extent3].[TeacherId]AS[TeacherId]

FROM [dbo].[StudentCourse]AS[Extent2]

OUTER JOIN[dbo].[Course]AS[Extent3]ON[Extent3].[CourseId] = [Extent2].[CourseId]
) AS [Join1]ON[Extent[1].[StudentID] = [Join1].[StudentId]

WHERE 1 = [Extent1].[StandardID]

c. None of the listed options

d. SELECT

[Extent1].[StudentId]AS[StudentID],

[Extent1].[StudentName]AS[StudentName],

[Join1].[CourseId1]AS[CourseId],

[Join1].[CourseName]As[CouseName],

[Join1].[Location]As[Location],

[Join1].[TeacherId]AS[TeacherId]

FROM [dbo].[Student]AS[Extent1]

Group by
(SELECT[Extent2].[StudentId]AS[StudentId],[Extent3].[CourseId]AS[CourseId1],[Extent3].[CourseName]AS[CourseName],[Extent3].[Location]AS[Location],[Extent3].[TeacherId]AS[TeacherId]

FROM [dbo].[StudentCourse]AS[Extent2]

OUTER JOIN[dbo].[Course]AS[Extent3]ON[Extent3].[CourseId] = [Extent2].[CourseId]) AS [Join1]ON[Extent[1].[StudentID] = [Join1].[StudentId]

WHERE 1 = [Extent1].[StandardID]

18) Eager loading returns all of the objects including the related objects. State True or False.

a. True----ans

b. False

19) Which of the following are the attributes of System.ComponentModel.DataAnnotations.Schema class?

a. ForeignKey

b. Model

c. Column.....ans

d. Entity

20) Which of the following are the benefits of Entity framework?

a. Mapping manual

b. None of the listed options----------ans

c. Auto generate code

d. Reducing development time

21) In Lazy loading, the navigation property has to be declared as:

a. public.....ans

b. static

c. virtual.....ans

d. proxy

22) Which of the followings are database initialization strategies in EF Code First?

a. CustomDBInitializer.....ans

b. CreateDatabaseIfNotExists.....ans

c. MigrateDatabaseToLatestVersion

d. AlterDatabasewithchanges

23) If we use database first generation a DbContext is generated by default. State True or False

a. True.....ans

b. False

24) By default, the Entity Framework will generate the database queries and update commands when your code interacts with the model. State True or False.

a. True .....ans

b. False

25) Which method in the DBContext writes inserts, updates, and deletes to the data source?

a. SaveChanges.....ans

b. All of the listed options

c. Save

d. SaveEntity

26) Linq to Entity Query results are usually returned as which of the following?

a. Linq to objects

b. A collection of zero or more typed entity objects or a projection of complex types defined in the conceptual model.....ans

c. All of the listed options

d. Anonymous types.....ans

e. Inline collections.....ans

After a LINQ to Entities query is converted to command trees and executed, the query results are usually returned as one of the following:

A collection of zero or more typed entity objects or a projection of complex types in the conceptual model.

CLR types supported by the conceptual model.

Inline collections.

Anonymous types.

27) Which of the following is used to define plain old CLR Objects that are NoT related to certain persistence technology?

a. Persistence Ignorance.....ans

b. None of the listed options

c. Self-Tracking Entities

d. Deferred or Lazy Loading

The DataRelation object is used to add relationship between two DataTable objects. What are ...
Persistence Ignorance -

Facilitates you to define your own Plain Old CLR Objects (POCO)

which are independent of any specific persistence technology.

28) How can we disable proxy object creation in POCO?

a. context.ContextOptions.ProxyCreationEnabled = false;.....ans

b. context.ContextOptions.ProxyEnabled = false;

c. context.ContextOptions.Enabled = false;

d. context.ContextOptions.Proxy = false;

29) Which of the following class is used to programmatically create connection string and parse existing connecting string to create attributes and methods for the class?

a. EntityConnectionStringBuilder.....ans

b. EntityClientProvider

c. EntityContext

d. EntityConnection

30) How can we Update UnitPrice of Product?

a. NorthwindEntities dbContext = new NorthwindEntities();

Product product = dbContext.ProductSet.Single(p=> p.ProductName == "Aniseed Syrup");

product.UnitPrice = 1000;

dbContext.Update();

b. NorthwindEntities dbContext = new NorthwindEntities();

Product product = dbContext.ProductSet.Single(p=> p.ProductName == "Aniseed Syrup");.....ans

product.UnitPrice = 1000;

dbContext.SaveChanges();

c. NorthwindEntities dbContext = new NorthwindEntities();

Product product = dbContext.ProductSet.Single(p=> p.ProductName == "Aniseed Syrup");

product.UnitPrice = 1000;

dbContext.UpdateChanges();

d. NorthwindEntities dbContext = new NorthwindEntities();

Product product = dbContext.ProductSet.Single(p=> p.ProductName == "Aniseed Syrup");

product.UnitPrice = 1000;

dbContext.Save();

31.which of the following is used to manipulating dataset using linq?

a.LINQ to dataset.....ans

b.none of these

c.LINQ TO SQL

d.LINQ TO XML

32.a POCO class will not be inherited from entity object class

state true or false

a.true.....ans

b.false

33.database model provides the normalised schema designed by the database administrator

state true or false

a. true

b.false

34.when you use the using statement,then compiler automatically creates a try/finally block and calls dispose in the finally block.

state true or false

a.true.....ans

b.false

35.which of the following property is used to map two seperate types in the storage model?

select one

a.split entity.....ans

b.scalar property

c.association

d.none of these

Note:scalar property:A property of an entity that maps to a single field in the storage model

split entity:An entity type that is mapped to two separate types in the storage model.

36.which namespace is used to include .net data provider for sql server?

a.system.data.sqlprovider

b.system.data.oracleclient

c.system.data.componentmodel

d.system.data.sqlclient.....ans

37.POCO templateused to generatewhich of the following?

select one

a.none of these

b.persistance ignorant modeltypes

c.persistance ignorant entity types.....anss

d.persistance ignorant object types

Note:

POCO Entities

POCO stands for "plain-old" CLR objects which can be used as existing domain objects with your data model.

POCO data classes which are mapped to entities are defined in a data model.

It also supports most of the same query, insert, update, and delete behaviors as entity types that are generated by the Entity Data Model tools.

You can use the POCO template to generate persistence-ignorant entity types from a conceptual model.

38.entity model support quering only entities defined in entity datamodel

state true or false

a. true

b.false

Note:The Entity Framework even supports mapping entities in the conceptual model to stored procedures in the data source.

39.when the foreign key columns are not included in the model,the association information is managedas an independent object

state true or false

a.true.....ans

b.false

40.entity framework supports automatic change tracking of the loaded entities during the life time of the context

state true or false

a.true.....ans

b.false

41.what is the purpose of the sysytem.componentmodel.dataannotation namespace?

select one

a.none of these

b.data first approach to use [key] attribute

c.code first approach to use [key] attribute.....ans

d.model first to use [key] attribute

42.how can we mark properties in the entity framework to be ignored?

select one

a.[remove]

b.[ignored]

c.[notmapped].....ans

d.none of these

43.which of the following statements are TRUE?

I.in an entity framework application data is loaded from the file with the extension.csdl

II.mapping information is publicaly accessible

III.the entity framework uses the metadata in the mapping types to translate queries against the conceptual model to data source specific commands

select one:

a.II & III

b.I & II

c.I.II & III

d.I & III.....ans

44.savechanges() will be raised exception when which of the following object is added to the objectcontext and it cannot be successfully created in the data source?

select one:

a.saveexception

b.changeexception

c.updateexception.....ans

d.DBexception

Note:

SaveChanges can generate an UpdateException when an object added to the ObjectContext cannot be successfully created in the data source.

This can happen if a row with the foreign key specified by the relationship already exists

45.when a linq entities query is excecuted.

select one:

(ans) a.some expressions in the query might be executed on the server and some parts might be executed locally on the client.client-side evaluaion of an expression takes place before the query is executed on the server.....ans

b.some expressions in the query might be executed on the server and some parts might be executed locally on the server.client-side evaluaion of an expression takes place before the query is executed on the server.

c.none of these

d.some expressions in the query might be executed on the server and some parts might be executed locally on the client.server-side evaluaion of an expression takes place before the query is executed on the server.

46.which of the following annotation validates property whether it has minimum length of the array or string?

select one:

a.none of these

b.arraylength

c.minlength.....ans

d.lengthofarray

47.table splitting enables which of the following?

select one:

a.to map two tables to multiples entities

b.to map a single table to multiple entities.....ans

c.to map a single entity to multiple tables

d.to map a single schema to multiple entities

48.how can we enable concurrency mode in entity framework?

select one:

a.<property name="status" type="byte" nullable="false" concurrencymode="true"/>

b.<property name="status" type="byte" nullable="false" concurrencymode="enabled"/>

c.<property name="status" type="byte" nullable="false" concurrencymode="yes"/>

d.<property name="status" type="byte" nullable="false" concurrencymode="fixed"/>.....ans

49.the _____ class supports both LINQ to entities and entitySQL queries against a conceptual model.

select one:

a.entitytosql.....ans(may be)

b.none of these

c.objectquery

d.sqlquery

50.which of the following is true about overlapping keys?

select one:

a.to change a foreign key association that includes overlapping keys,it is recommend to modify the foreign key values instead of using the object references.

b.overlapping keys are composite keys where some properties in the key are also part of another key in the entity

c.all of these.....ans

d.you cannot have an overlapping key in an independent association

51.which of the following annotation is used to mark one or more properties to be used for concurrency checking while user modifies in an entity?

select one:

a.concurrencycheck.....ans

b.none of these

c.entitycheck

d.databasecheck

52.which class is responsible for interacting data as object in the entity framework?

select one:

a.entity

b.entitycontext

c.DBset

d.DBcontext.....ans

53.which of the following option is CORRECT about navigation property?

select one:

a.navigation properties provide a way to navigate an association between two entity types.

b.every object can have a navigation property for every relationship in which it participates.

c.navigation properties allow you to navigate and manage relationships in both directions,returning either a reference object(if the multiplicity is either one or zero-or-0ne)or collection(if the multiplicity is many)

d.all of these.....ans

54.which annotation is used when you have multiple relationships between classes?

select one:

a.onmultiplerelation

b.required

c.foreign key

d.inverse property.....ans

55.entity state property is enum type

state true or false

select one:

a.true.....ans(may be)

b.false

56.how can we get objectcontext from DBcontext?

select one:

a.DBcontext.context

b.DBcontext.getobjectcontext()

c.none of these

d.((lobjectcontextadaptor)db).objectcontext;.....ans

57.which of the following is the fullform of CSDL?

select one:

a.conceptual set definition language

b.conceptual schema definition language.....ans

c.conceptual select definition language

d.conceptual selectdata definition language

58.find the correct code to execute sql raw query in the entity frameqwork from the following

select one:

a.using(var ctx = new schoolDBentities())

{

varstudentlist = ctx.students.sql("select*from student").tolist<student>();

}

b.none of these

c.using(var ctx = new schoolDBentities())

{

varstudentlist = ctx.students.execute("select*from student").tolist<student>();

}

d.using(var ctx = new schoolDBentities())

{

varstudentlist = ctx.students.sqlquery("select*from student").tolist<student>();.....ans

}

59.which of the following statements are true?

I.the compiled query class provides compilation and caching of queries for reuse

II.execute method is to created a new delegates to represent the compiled query

III.once the query is compiled you can only supply parameters of primitive type but you cannot replace parts of the query that would change the generated SQL.

select one:

a.II & III

b.I,II & III.....ans

C.I & III

d.I & II

60.which of the following provider is used to access data in the conceptual model?

select one:

a.sqlclientprovider

b.entitycontexy

c.entity model provider

d.entity client provider.....ans

****

1)which data types cannot be return types of scalar function?

a)text----------ans

b)ntext----------ans

c)integer

d)image----------ans

e)cursor----------ans

2)which class provides the rsults by executing command in conceptual model?

a)entitydatareader----------ans

b)Dbcontext

c)objectcontext

d)entityconnection

3)which of the following is the ability to add and use your own data classes along

with your data model?

a)entityobject

b)dbcontext.context----------ANS

c)poco

d)none

4)razor syntax have intellisense

true or false

true------ans

5)how do aggregate functions work?

a)they work only on integer values

b)they ignore null values----------ans

c)they perform a calculation on a set of values and return a single/summarized value----------ans

d)they frequently used with the group by clause of the select statement------ans

e)they cannot be used with the group by clause of the select statement

6)how does external_access permission set work?

a)allow access only to external assemblies with minimal access to internal computation

b)allows access to internal computations

c)allow access to external system resource such as files,networks and environment variables----------ans

d)allow access to registry

7)what does linq to sql do?

a)it enables you to query data using datacontext

b)it provides tightly coupled approach

only 1

only 2

both 1 and 2----------ans

none

8)if we want to create a backward compatible application which of the following view engine will be preferred in mvc3?

a)sparx

b)aspx

c)razor------ans

d)Nhaml

9)what is the significance of instead of argument of the create trigger statement?

a)specifies that the DML trigger is executed instead of the triggering sql statement

b)it overrides the actions of the triggeering statements----------ANS

c)it can be specified for DDL or logon triggers----------ANS

d)it can not be specified for DDL or logon triggers

10)what will be the output of the following code:-

public actionresult search(string idea ="a"){

return view();

}

1)it will set the default value of string idea to "a"

2)it will set the default pointer of idea to "a"

only 1----------ANS

only 2

both 1 and 2

none

11)what are the query considerations for using clustered indexes?

a)use clustered index when a query returns a range of values by using operators such as between >,>=,<,<=----------ans

b)use clustered index when a query returns largs resultsets----------ans

c)use clustered index when a query needs to handle null values

d)use clustered index when a query uses join clauses----------ans

e)use clustered index when a query uses group by or order by clauses----------ans

12)The _____class supports both linq to entities sql queries agaimst a conceptual model

a)sqlquery

b)objectquery----------ans

c)entitytosql

d)none

13)TDD uses _____to drive the design of software?

a)red-green-refractor----------ANS

b)unit debug

c)unit test

d)regression test

14)which of the followin are true?

a)the entity framework lifetime of the context begins when the instance is created and ends when the instance is either disposed or garbage collected----------ans

b)the lifetime of the context begins when the application starts--------ans

c)the primary class that is responsible for interacting with data as objects is system.data.entity.dbcontext------ans

d)dB ENTITY PROPERTIES repersent collections of the specified entites in the context

15)Nunit have many dependencies

true or false

ANS:true

16)what is the significance of the results apne of the query designer?

a)it shows a grid with data retrieved by the query or view--------ans

b)it shows the results of the most recently executed select query-----ans

c)it shows the query syntax

d)you can modify the database by editing values in the cells of the grid--ans

e)you can add or delete rows------ans

17)entitystate property is enum type.

true or false

true-----ans

18)what should be tested a controller?

1)proper actionresult are returned or not

2)proper model are build or not

A)2 ONLY

B)BOTH

C)NONE

D)1 ONLY----------ANS

19)which of the following two are name types of sql server files?

a)physical_file_name

b)logical_file_name----------ans

c)primary_file_name

d)os_file_name-------ans

20)i have a table blog which i want to split into two blog.which of the followin is the correct snippet?

a)protected override void OnModelCreating(DbModelBuilder modelBuilder){modelBuilder.Entity<Blog>().HasRequired(e=>e.BlogAbout).WithRequiredPrincipal();modelBuilder.Entity<Blog>().ToTable("Blogs");modelBuilder.Entity<BlogAbout>().ToTable("Blogs");}

b)protected override void OnModelCreating(DbModelBuilder modelBuilder){modelBuilder.Entity<Blog>().ToTable("Blogs");modelBuilder.Entity<BlogAbout>().ToTable("Blogs");}----------ANS

c)protected override void OnModelCreating(DbModelBuilder modelBuilder){modelBuilder.Entity<Blog>().HasRequired(e=>e.BlogAbout).WithRequiredPrincipal();}

d)protected override void OnModelCreating(DbModelBuilder modelBuilder){modelBuilder.Entity<Blog>().HasRequired(e=>e.BlogAbout)modelBuilder.Entity<Blog>().ToTable("Blogs");modelBuilder.Entity<BlogAbout>().ToTable("Blogs");}

21.----inproves the performance of ASP.NET MVC application drastically.

a.Output profiling

b.Output Regeneration

c.Output updation

d.output caching---------ans

22.Which of the following argument of the CREATE TRIGGER statement specifies the security context under which the trigger is executed?

a.ALL SERVER

b.WITH ENCRYPTION

C.EXECUTE AS----------ans

D.INSTEAD OF

23.How can we disable proxy object creation in POCO?

a.context.ContextOptions.Enabled=false;

b.context.ContextOptions.Proxy=false;

c.context.ContextOptions.ProxyEnabled=false;

d.context.ContextOptions.ProxyCreationEnabled=false;----------ans

24.Which of the package can be used to write an implementation for ASP.NET Identity that targets different persistence stores such as Azure Table storage.NoSQL database etc

a.Microosoft.asp.net identity.OWIN

b.Microosoft.asp.net security

c.Microosoft.asp.net identity.core---------ans

d.Microosoft.asp.net identity.EntityFramework

25.Which of the following statements are TRUE?(MULTIPLE ANS)

I.edmx file is an XML.file

II.which declares a conceptual model,storage model and mapping between these models

III.It divided into three categorieS SSDL,CSDL and MSL

Select one:

a.I and II

b. II and III

c. I and III

d.I,II and III----------ANS

26.You dont want to allow anyone to do any change to the code being deployed on

production server.what will be the solution?

a.Uncheck "Allow this precompiled site to update" under Output Assemblies-->Compilation----------ANS

b.Uncheck "Allow this precompiled site to update" under configuration-->Compilation

c.Uncheck "Allow this precompiled site to update" under signing-->Compilation

d.Uncheck "Allow this precompiled site to update" under deployment-->Compilation

27.You have a certain number of products with price ranging from high to low to medium. You

want to filter products by their respective price range.Which of the following option

will fulfill this conditions?

a.[...

@using(Html.BeginForm("index","Range"))

{

Html.DropDownList("Product",new selectList(viewBag.Ranges))

<input type="submit" value="filter"/>

}

...]

b.[...

@using(Html.BeginForm("index","Product"))

{

Html.DropDownList("Range",new selectList(viewBag.Ranges))

<input type="password" value="filter"/>

}

...]

c.[...

@using(Html.BeginForm("index","Product"))

{

Html.DropDownList("Range",new selectList(viewKnapsack.Ranges))

<input type="submit" value="filter"/>

}

...]

d.[... ----------ANS

@using(Html.BeginForm("index","Product"))

{

Html.DropDownList("Range",new selectList(viewBag.Ranges))

<input type="submit" value="filter"/>

}

...]

28.You are given a task by your manager that includes assembly binding. Which file

would you configure?

a.system.configuration

b.web.config

c.machine.config----------ANS

d.config.config

29.what happens when you create a primary key constraint?

a.Unique index on the column ,or columns is automatically created which is by default nonclustered

b.Unique index on the column ,or columns is automatically created which is by default clustered----------ANS

c.Unique index on the column ,or columns is automatically created which is by default spatial

d.Unique index on the column ,or columns is automatically created which is by default XML

30.which of the following keyword is used for lazy loading related data in entity framework?

a.protected

b.virtual----------ANS

c.const

d.abstract

31.what is stored procedure? choose all relevant options

a.a collection of compiled T-SQL commands that are directly accessible by SQL SERVER ----------ans

B.A COLLECTION of commands written in any base .net language that are directly

accessible by DQL server

c.commands placed in a stored procedure are interpreted one line at a time during execution

d,commands placed in a stored procedure are executed as one batch----------ans

e.stored procedures reduce network traffic

32.which command will remove the package

a.uninstall-package packagename ---------- ans

b. delete package

c.remove packagename

d.none of the lists

Ref Link: http://stackoverflow.com/questions/17653633/uninstall-entityframework-using-the-package-manager-console

33.choose a unit test to check whether the participant A1 has covered half the ditance of total

a.[TestMethod]

{

int total_distance=2;

int distance_covered=10;

int distance_left=10;

Distance d1=new Distance("A1",total_distance); ----------ans

d1.covered(distance_covered);

int Left=d1.remaining;

Assert.AreEqual(distance_left,Left);

}

b.[TestMethod]

{

int total_distance=2;

int distance_covered=10;

int distance_left=10;

Distance d1=new Distance("A1",total_distance);

d1.covered(distance_covered);

int Left=d1@remaining;

Assert.AreEqual(distance_left,Left);

}

c.All of the lists

d.[TestMethod]

{

```
int total_distance=2;

int distance_covered=10;

int distance_left=10;

Distance d1=new Distance("A1",total_distance);

d1.covered(distance_covered);

int Left1=d1.remaining;


Assert.AreEqual(distance_left,Left);

}
```

34.BindModel(ControllerContext.ModelBindingContext)- this is correct for the BindModel method

a.True ----------ans

b.False

35.

36.which class is used to execute an entity SQL command against an entity mode?

a.EntityCommand ----------ans

b.EntityConnection

c.sqlCommand

d.None of the lists

37.proxy objects can be serialized and deserialized with binary serialization

a.true ----------ans

b.false

38.If we use database first generation a DbContext is generated by default

a.True----------ans

b.False

39.SQL server 2008 security model is based on three categories that seperate

the basic elements of security.Which among the following are those?(Multiple ans)

a.Principles ----------ans

b.Constraints

c.Securables ----------ans

d.Permissions ----------ans

40.How is the support for XML integrated into SQL server?(multiple ans)

a.Support for the xml data type ----------ans

b.Ability to specify an XQuery against XML data stored in columns and variables of the xml type----------ans

c.Ability to handle bulk loading of xml data ----------ans

d.ability to merge xml

Q.41 which of the following is the default database iitializer in entity framework?

a CreateDatababaseifnotexists ----------ans

b DropCreateDatabaseifModelChanges

c DropCreateDtabaseAlways

d DropDtabaseAlways

Q42 Which namespace is used to handle EntityClient provider?

a System.Data.EntityClient ----------ans

b System.Transactions

c System.Data.Annotations

d None of the listed options

Q.43 We can create entity framework without existing database

State True or False

a True

b False

Q.44 Which of the following statements are true about Clustered index?

a A Clustered index sorts and stores the data rows of the table or view in order based on the clustered index key.----------ans

b A Clustered index sorts and stores the data columns of the table or view in order based on the clustered index key.

c A clustered index is implemented as a B-tree index structure.----------ans

d A clustered index is implemented as a Linked -list structure.

Q.45 Entity Framework provide us with which of thefollowing attribute to indicate multiple relationships

between two tables?

a [InsertProperty]

b [InverseProperty]----------ans

c [InProperty]

d None of the listed options

Q.46 Conceptual model properties are not same as the properties created in .edmx file. State True or False

a True

b False----------ans

Q.47 Which of the following method of the ObjectStateManager is used to get Object State entry?

a TryGetObjectStateEntry

b ChangeObjectState ----------ans

c GetRelationshipManager

d ChangeRelationshipState

Q.48 Commands on console are implemented as powershell command.

State True or False

a True----------ans

b False

Q.49 GlobalFilters.Filters.Add(new SampleFilter()); - What will the above piece of code do?

a It is not possible to add new filter,so it will give an error.

b It will add customer filter "SampleFilter" to the GlobalFilters.----------ans

c None of the listed options

d It will move built insample filter to the Global Filter.

Q.50 Repeated

Q.51 How can we insert Products with new Category?

a NorthwindEntities dbContext = new NorthwindEntities();("same everywhere only last line changes")dbContext.SaveChanges();----------ans

b NorthwindEntities dbContext = new NorthwindEntities();("same everywhere only last line changes")dbContext.AddChanges();

c NorthwindEntities dbContext = new NorthwindEntities();("same everywhere only last line changes")dbContext.InsertChanges();

d NorthwindEntities dbContext = new NorthwindEntities();("same everywhere only last line changes")dbContext.Insert();

Q.52 Read the description & identify which method it belongs to.:-"Initializes a new instance of the HtmlHelper class by using

the specified view context,view data container,and route collection."

a public.HtmlHelper(|ViewContext viewContext,ViewDataContainer viewDataContainer,RouteCollection routeCollection)

b public.HtmlHelper(ViewContext viewContext,|ViewDataContainer viewDataContainer,RouteCollection routeCollection)----------ans

c public.HtmlHelper(ViewContext viewContext,ViewDataContainer viewDataContainer,|RouteCollection routeCollection)

d public.HtmlHelper(@viewContext,@viewDataContainer,@routeCollection)

Q.53 What doesa Dependency resolver() do?

a Creates a new dependency

b Creates a new interface

c Initializes a new interface

d Initializes a new instance of the DependencyResolver Class----------ans

Q.54 Which ActinResult rediects to another action method?

a All of the listed options.

b RediredtToAction----------ans

c ForwardTo

d ActionRedirect

Q.55 Read the Followinfdefinition and choose the correct option ----" Contains methods to create types of objects locally or

remotely, or obtain references to existiong remote objects.

a ModelBlinder

b Dependency Resolver

c Activator----------ans

d Validator

q.56 Which of the following class is used to programmatically create connection string and parse existing connecting string

to create attributes and methods for the class?

a EntityConnection

b EntityClientProvider

c EntityConnectionStringBuilder ----------ans

d EntityContext

Q.57 Which of these are jQuery Event metods?

a focus()----------ans

b mouseenter()----------ans

c on()----------ans

d hover()----------ans

Q.58 Do we have a console option in the Nuget?

a Maybe

b Yes----------ans

c no

d None of the listed options

Q.59 Find the object query methods from the following

a Distinct

b Except

c GroupBy

d All of the listed options----------ans

Q.60 You are handling page ofan event. Now the content and information you have cached so that it is loading quickly but you

need to keep the clock which shows time for the event dynamic. which of the following will be helpful?

a <%DateTime(t.now);%)

b <%Response.WriteSubstitution(t=>DateTime.Now.ToLongTimeString());%> ----------ans

c <% var c=dynamic.DateTime()%>

d <%session s= new session["Time"];>

****

1.You need to look up in the database for validation . what kind of validation it is ?

I.remote

II.Self

select one :

a.NOne

b.II only

c.I only----------ANs

d.Both I and II.

2.what is the significance of clr enabled option ?

select one or more:

a.It is used to specify whether user assembles can be run by SQL Server

b. The clr enabled option can be set to value FALSE to denote that assembly execution is not allowed on SQL SErVER

c.The clr enabled option can be set to value TRUE to denote that assembly execution is allowed on SQL SErVER

d.The clr enabled option can be set to value 0 to denote that assembly execution is not allowed on SQL SErVER

e.The clr enabled option can be set to value 1 to denote that assembly execution is not allowed on SQL SErVER

ANS----------a,d,e

3.Which of the following option is correct to get the blog details details by order it ascending based on OrderName ?

Select one :

a.from s in ctx.Blogs groupby s.BlogName ascending select s;

b.from s in ctx.Blogs orderby s.BlogName ascending select s;----------ANS

c.from s in ctx.Blogs where s.BlogName ascending select s;

d.None

5.what does a cache profile do ?

I.Cache profile allows libraries to provide fast output to sqlqueries

II.Cache profile avoids repition in cache attributes.

select one:

a.II only----------ANS

b.Both I and II only

c.None

d.I only

8.The_____ class provides facilites for querying and working with entity data as objects,keeping track of the entity objects, along with the state information (added,modified,deleted) and the ability to update entities and write changes back to the database.

select one:

a.DbContext

b.DataContext

c.ObjectContext----------ANS

d.None

11.What are the advantages of using EXECUTE AS clause?

Select one or more:

a.The execution becomes faster

b.You can control which user account the databse engine uses to validate permissions on any objects that are referenced by the module.

c.It provides additional flexibilty and control in managing permissions across the object chain that exsists between user-defined modules and the objects referenced by those modules.

d.Users of the module only need permissions to execute the module itself;explicit permissions on the refernced objects are not required.

e.Users of the module need explicit permissions on the referenced objects thereby making it more secure.

ANS----------b,c,d

12.Entity Framework 4.1 permits accessing which of the following properties ?

I.Database Value

II.original Value

III.XML Value

select one:

a.I and II only----------ANS

b.II and III only

C.I and III only

d.I,II and III

13.Which are the different types of the groups ?

Select one or more:

a.Secondary----------ANS

b.Primary----------ANS

c.User-defined----------ANS

d.Hidden

14.Consider,you have to update the page asynchronously using Ajax.BeginForm method with Action "Act" ,Home controller "HO" & the id to update is "up" .

which of the following would you choose ?

Select one:

a. "@using (Ajax.BeginForm("HO" ,"Act",

new AjaxOptions[HttpMethod ="GET" ,

InsertionMode=InsertionMode.Replace,

UpdateTargetid="up"}))"

b. "@using (Ajax.BeginForm("HO" ,"Act",

new AjaxOptions{HttpMethod ="GET" ,

InsertionMode=InsertionMode.Replace,

UpdateTargetid=""}))"

c."@using (Ajax.BeginForm("Act" ,"HO",

new AjaxOptions{HttpMethod ="GET" ,----------Ans

InsertionMode=InsertionMode.Replace,

UpdateTargetid="up"}))"

d."@using (Ajax.BeginForm("HO" ,"Act",

new AjaxOptions{HttpMethod ="GET" ,

InsertionMode=InsertionMode.Replace,

UpdateTargetid="up"}))"

15.Which of the following are the data annotations attribute ?

select one or more

a.StringLength----------ANS

b.Range

c.Compare

d.Required----------ANS

17.Entity framework may support composite keys.

TRue----------ANS

FAlse

21.which of the following is the Correct options for Database First approach ?

Select one :

a.Generate a database from the Model

b.Generate a Model from the Class

c.Generate a Model from the Database----------ANS

d.Generate a object from the Model

24.Which are the different types of Windows -level principals ?

Select one or more:

a.Windows Authorization

b.Windows Domain Login----------ANS

c.Windows Database Login

d.Windows local login----------ANS

25.what does the SELECT statement define ?

select one or more:

a. The format of the database.

b.The format opf the result set.This is specified modify in the select list.

c.The tables that contain the source data.This is specified in the FROM clause.

d.How the tables are logically related for the purpose of the SELECT statement . This is defined in the join specifications,which may appear in the WHERE clause or in an ON Clause following FROM.

e.The conditions that the rows in the source tables must satisfy to quality for the SELECT Statement.These are specified in the WHERE and HAVING clauses.

ANS----------b,c,d,e

29.nunit-console exe shows output on console

True----------ANS

False

31.How are user-defined functions different from user- defined stored procedures ?

select one or more :

a.IN user- defined function the default parameter is specified wiwth a DEFAULT keyword.

b.In user-defined function omitting the parameter also implies default value

c.User-defined functions do not support output parameters

d.user-defined functions do support output parameters.

ANS----------a,c

34.How are stored procedure similar to procedures developed in other programming languages ?

select one or more

a.Accept input paramaters and return mulitiple values in the form of output parameters in the calling procedures or batch

b.Contain prograaming statements that perform operations in the database including calling the other procedures

c.Return a status value to a calling procedure or batch to indicate success or failure

d.Can be interpreted externally .

ANS----------a,b,c

44.Which of the following statement is TRUE to disable lazy loading for all the entities ?

select one :

a.public class BloggingContext:DbContext(public BloggingContext () (this Configuration LazyLoadingEnabled =true;))

b.public class BloggingContext:DbContext(public BloggingContext () (this Configuration LazyLoadingEnabled =false;))----------ANS

c.public class BloggingContext:DbContext(public BloggingContext () (this Configuration EnableLazyLoading =false;))

d.public class BloggingContext:DbContext(public BloggingContext () (this Configuration EnableLazyLoading =true;))

45.You have to create a view model which will show a cricket player's name,team name, wickets taken ,runs scored about and his rank.

which of the following should you choose?

select one:

a.Public class PlayerInfoModel { public string.TeamName {get;set} public string.Name {get;set} public int.wickets {get;set}

public int.Runs{get;set} public int.Rank {get;set} }

b.Public class PlayerInfoModel { public string TeamName() public string Name() public int wickets()

public int Runs() public int.Rank() }

c.Public class PlayerInfoModel { TeamName {get;set} Name {get;set} wickets {get;set}

Runs{get;set} Rank {get;set} }

d.Public class PlayerInfoModel { public string TeamName {get;set} public string Name {get;set} public int wickets {get;set}

public int Runs{get;set} public int Rank {get;set} }----------ANS

48.We can access data in view using_____

select one

a.View@Data

b.View Data

c.ViewData----------ANS

d.View_Data

49. Which of the following are the three parts of ENtity Framework ?

I.DOmain Class Object

II.Relational Database

III.Object and Mapping information

select one:

a.I and II

b.I and III

c.II and III

d.I,II, and III.----------ANS

50.[ActionName("search")]

```
  public ActionResult GetBySname(string Sname)

  {
    //get song name from the database

     return View();

  }
```

-Analyse at the code & choose

Which of the following will invoke the above mentioned method?

Select one:

a.http://localhost/songs/GetBySname/post=lblame?

b.http://localhost/songs/search/blame----------ANS

c.http://localhost/songs/GetBySname/blame

d.http://localhost/songs/search/post=lblame?

53.Which of the following Code will help us to use the table valued functions "GetStudentList" and will retrieve all the course details of all students from "City1" in Entity Framework ?

select one:

a.using (var ctx = new SchoolDBEntities()) { //Execute TVF and filter result var courseList = ctx.GetStudentList(1)

Where(c =>c.location =="City1").ToList<GetCourseList>();

foreach (GetStudentList cs in courseList)

COnsole.WriteLine("Course Name:(0), Course Location:(1)", cs.CourseName,cs.Location);)----------ANS

b.using (var ctx = new SchoolDBEntities()) { //Execute TVF and filter result var courseList = ctx.GetStudentList(1)

Where(c.location =="City1").ToList<GetCourseList>();

foreach (GetStudentList cs in courseList)

COnsole.WriteLine("Course Name:(0), Course Location:(1)",cs.CourseName,cs.Location);)

c.using (var ctx = new SchoolDBEntities()) { //Execute TVF and filter result var courseList = ctx.GetStudentList(1)

Where(c => c.location =="City1").ToList<GetCourseList>();

foreach (GetCourseList cs in courseList)

COnsole.WriteLine("Course Name:(0), Course Location:(1)",cs.CourseName,cs.Location);)

d.using (var ctx = new SchoolDBEntities()) { //Execute TVF and filter result var courseList = ctx.GetStudentList(1)

In(c => c.location =="City1").ToList<GetCourseList>();

foreach (GetCourseList cs in courseList)

COnsole.WriteLine("Course Name:(0), Course Location:(1)",cs.CourseName,cs.Location);)

54.Entity Framework has in-memory copy of the original values and uses this for working out what has changed.

True----------ANS

False

55.IClientValidation GetClientValidation

```
  {

    var z =new ModelClientValidationRule();
    z.ErrorMessage = FormatErrorMessage(metadata.GEtDisplayName());

    z.ValidationType ="compare";
    z.validationparameters.Add("sample",SamplePropertyName);
    yield return z;
}
```

----Analyse the code and identity which of the following statement is true ?

select one :

a.None

b.Client side custom validation of custom type="compare"----------ANS

c.Performs remote validation to compare to compare two properties and shows and error message if not equal

d.Server side validation for custom property and error message.

56.To return a string literal , which method is used ?

Select one :

a.Call

b.String----------ANS

c.Literal

d.Content

57.DbCOntext() method Constructs a new context instance using conventions to create the name of the database.

True----------Ans

False

****

1(5)Can you convert a Nonpartitioned Table to Partitioned Table?If yes,how?Choose all that apply.

Select one:

a.By creating a partitioned non-clustered index on the table by using the CREATE INDEX statement

b.By creating a partitioned clustered index on the table by using CREATE INDEX statement----------ANS

c.By using the ALTER TABLE SWITCH statement to switch the data of the table to a range-partitioned table has only one partition----------ANS

d.By using the ALTER TABLE SWITCH statement to switch the data of the table to a range-indexed table that has a unique partition.

e.You cannot convert a Nonpartitioned Table to Partitioned Table.

2(8)Which of the following is the query product by Categoryname?

Select one:

a.NorthwindEntities dbContext = new NorthwindEntities();var query =from p in dbContext.ProductSet where p.Categories.CategoryName == "Seafood" select p;IEnumerable<Product>product = query;

b.NorthwindEntities dbContext = new NorthwindEntities();var query =from p in dbContext.ProductSet where p.Categories.CategoryName == "Seafood" select p;IEnumerable<Product>product = query.ToList();----------ANS

c.NorthwindEntities dbContext = new NorthwindEntities();var query =from p in dbContext.ProductSet where p.Categories.CategoryName == "Seafood" select p;IEnumerable<Product>product = query.ToArray();

d.NorthwindEntities dbContext = new NorthwindEntities();var query =from p in dbContext.ProductSet where p.Categories.CategoryName == "Seafood" select p;IEnumerable<Product>product = query.ToString();

3(9)How are the tyransaction locks acquired by a SELECT statement controlled?

Select one or more:

a.Controlled by the transaction concurrency setting for the connection.

b.Controlled by the transaction isolation level setting for the connection.----------ANS

c.Controlled by any locking hints specified in the WHERE clause.

d.Controlled by any locking hints specified in the FROM clause.----------ANS

4(11) Which of the following code removes a relationship by setting the foreign key to null?

Note,that the foreign key property must be nullable.

Select one:

a.mytable.ForeginKeyColumn = (FK_ID)null;

b.mytable.ForeginKeyColumn =(key)null;

c.mytable.ForeginKeyColumn = null;----------ANS

d.None of the listed options.

5(13)Ashley Is new to developing and the manager has told her to make the form advance by selecting date.How will Ashley achieve this?

Select one:

a.$(add).datepicker();

b.$(generate).datepicker();

c.$(".create#ProductDate").datepicker();

d.$(".attach#ProductionDate").datepicker();----------ANS

6(15)EF supports multiple modeling techinque

State true or false

Select one:

true----------ANS

false

7(17)How to remove dependencies?

Select one:

a.Uninstall-package packageName-RemoveDepencies----------ANS

b.All the listed options

c.Remove-Dependencies

d.Delete Depencies

8(20)IIS stands for_____.

Select one:

a.Internet International Standards

b.Internet Information Services----------ANS

c.Information of Internet Services

d.ISO's Internet Standards

9(21)Which of the following are the default parameters are route?

Select one or more:

a.value

b.ID----------ANS

c.Model

d.Action----------ANS

10(22)What are the benifits of POCO?

I.Maintainace cose associated with code will be less

II.Easily updateable even if the properties in POCO are chnaging

III.Loosely coupled from the Database

Select one:

a.I and II

b.II and III----------ANS

c.I and III

d.I,II and III

11(26)What are the different types of debelopment approaches in EF?

Select one:

a.Code First

b.Model First Approach

c.Database first

d.All of the listed options----------ANS

12(29)ObjectContextEF V4.0 and DbContext EF V4.1

State true or false

Select one:

True----------ANS

False

13.(39)AreEqual(Object,Oject)-what does this method do when used with assert?

Select one:

a.Verifies that three specified objects are equal

b.Verifies that two specified objects are equal----------ANS

c.All the listed options

d.Verifies that two specified objects are not equal

14(40)Scott wants to mark an action method to cache the output.Which class will Scott use?

Select one:

a.CacheWithOutput

b.OutputCacheAttribute----------ANS

c.Cache

d.O/Pcache

15(45)In a website you need to use certain caching rule repeatedly.What will be used for you from the following?

Select one:

a.[OutputCache(CacheProfile="CacheProfile1")]public string Index(){/*some code*/}----------ANS

b.[OutputCache][CacheProfile="CacheProfile1"]public string Index(){/*some code*/}

c.[OutputCache,CacheProfile="CacheProfile1"]public string Index(){/*some code*/}

d.Copying the code & pasting again.

16(53)We can create entity Framewoerk without existing database.

State true or False.

Select one:

True----------ANS

False

17(57)In a Entity Framework application, mapping metadata is not loaded from an.msl file

State true or False.

Select one:

True

False----------ANS

18(58).What is the expansion of MSL in Entity Framework?

Select one:

a.MApping State Language

b.Mapping Specification Language----------ANS

c.Main Specifiaction LAnguauge

d.Maapping System Languauge

19(51)You are making a login page where you have to take password from user and you have to confirm the password again.

Which of the following?

Select one:

a.[Database(DataType.Password)][Display(Name="Confirm password")][ToCompare("Password",ErrorMessage="The entry doesn't match with password entered.")]public string ConfirmPassword{get;set;}

b.[Database(DataType.Password)][Display(Name="Confirm password")][@Compare("Password",ErrorMessage="The entry doesn't match with password entered.")]public string ConfirmPassword{get;set;}

c.[Database(DataType@Password)][Display(Name="Confirm password")][ToCompare("Password",ErrorMessage="The entry doesn't match with password entered.")]public string ConfirmPassword{get;set;}

d.[Database(DataType.Password)][Display(Name="Confirm password")][Compare("Password",ErrorMessage="The entry doesn't match with password entered.")]public string ConfirmPassword{get;set;}

****

1(53)Which are the conditions when indexes of views can provide significant performance adavantages?

Select one or more:

a.When the view contains aggregations----------ANS

b.When the view contains compositions

c.When the view contains table joins----------ANS

d.When the view contains a combination of aggregations & joins----------ANS

e.When the view contains locks

2(47)EntityClient Api provides the functionalities for connection with database,execute commands,retrieving query.

State true or false

Select one:

true----------ANS

False

3(43)Which of the following option is CORRECT to select only the columns StudentName,Department and GroupName from the student entity of the student name "Kishore"?

Select one:

a.from s in ctx.Students where s.StudentName == "Kishore" select new{s.StudentName,s.DepartmentName,s.GroupName};----------ANS

b.from s in ctx.Students where s.StudentName == "Kishore" where new{s.StudentName,s.DepartmentName,s.GroupName};

c.from s in ctx.Students where s.StudentName == "Kishore" include new{s.StudentName,s.DepartmentName,s.GroupName};

d.None of the listed options

4(42)Which of the following statements are true about Collation?

Select one or more:

a.Collation specifies how strings are stored and compared.----------ANS

b.Collation specifies how integers are stored.

c.The selection of collation is Language dependent and addresses differences in the way characters are ordered.----------ANS

d.The default collation for a database is based on the server deafult,which is set during the installation of SQL Server.----------ANS

5(41)How can we mark a CLR entity type student to avoid mapping in a table in database?

Select one:

a.ModelBuilder.Ignore<Student>()

b.ModelBuilder.Remove<student>();----------ANS

c.ModelBuilder.Delete<Student>();

d.None of the listed options.

6(33)Identify the correct syntax :-DropDownListMethod(HtmlHelper, String)

Select one:

a.public static MvcHtmlString DropDownList(this HtmlHelper htmlHelper, string name)

b.public static MvcHtmlString DropDownList(HtmlHelper htmlHelper, string name)

c.public static MvcHtmlString DropDownList(this.HtmlHelper htmlHelper, string name)----------
----------ANS

d.public static MvcHtmlString DropDownList(this HtmlHelper htmlHelper, istring name)

7(31)Which is/are a/the console commands ion Nuget from the following?

Select one:

a.Find

b.Get

c.Uninstall

d.All the listed----------ANS

8(27) which of the following data annotation attribute isuseful when you have multiple relationship between two classes

select one:

a. index

b. foriegn key

c. inverse property----------ANS

d. complex type

9(24)what do you mean by eager loading in MVC?

I.related objects(child objects) are located automatically with its parent object

II.related objects(child objects) are not located automatically with its parent object until they are requested

select one:

a. II only

b. both I and II----------ANS

c. I only

d. none of the listed options

10(21)if stored procedure returns complex type that is only on conceptual model and not in database table, what is it called?

select one:

a. scalar

b. complex.

c. entities

d. none of the listed options

11in entity framework application storage mode metadata is rendered from .ssdl file

state true or false

select one:

a. true

b. false

12(19)Unobtrusive javascript is used to

select one:

a. keep the content accessible when markup is unavailable

b. keep the scripts accessible when markup is unavailable

c. keep the markup and content accessible when javascript is unavailable----------
--ANS

d. none of the listed options

13(20)cache profiles are supported for

select one:

a. standard controller actions but not for child actions----------ANS

b. standard controller actions but and for child actions

c. standard child actions but not for controller actions

d. standard view and models but not for child actions

14(24)Which statements are true about table-valued parameters?

select one or more:

a. They are user defined scalar values that are passed into a procedure or function----------ANS

b. They are user defined table types that are passed into a procedure or function

c. They provide an efficient way to pass multiple rows of data to the server----------ANS

d. they provide an efficient way to pass a connection to the server----------ANS

15(6) _____ occurs when you need to point to another data object from one data object.

select one:

a. int data type

b. string data type

c. float data type

d. complex data type----------ANS

16(14)what will be the output of the following query ?

```
USE SalesSystem;
Go
SELECT PATINDEX('%ia',Country)
FROM Production.Customer
GO
```

select one or more:

a. the query returns those rows in the table in which the pattern was found.

b. the query returns all the columns for those rows in the table in which the pattern was found.

c. the query returns only those columns in each rows in the table in which the pattern was found.

d. the query returns all rows in the table and reports nonzero values for those rows in the table in which the pattern was found.----------ANS

e. the query returns all rows in the table and reports zero values for all rows in the table in which the pattern was found.----------ANS

17(4)Rashmi has created an application using .net framework 3.5 but IISApp pool shows only version 2.0 for hosting. which of the

following should she choose?

select one:

a. it requires a refresh

b. install version 3.5 and change IIS App pool version to 3.5

c. Version 3.5 is not installed in IIS App pool----------ANS

d. None of the listed options

1.You are given a task to make the current from secure such that it can be prevented cstf.Which of the following will be helpful?

Select one:

a.<% using(Html.BeginForm()){%><% = Html.AntiLibrary()%>

b.<% using(Html.BeginForm()){%><% = Html.AntiForgeryToken()%>----------ANS

c.<% using(Html.BeginForm()){%><% = Html.AntiCSRFToken()%>

d.<% using(Html.BeginForm()){%><% = Html.AntiCSRFLibrary()%>

2. Which of the follwing statements are true about AFTER trigger?

Select one or more:

a.AFTER trigger executes after the statement that triggeres it completes

b.AFTER trigger executes after the last trigger in the queue.

c.If the statemnt falls with an error the trigger is not executed

d.AFTER triggers cannot be specified for tables,they can only be specified foe views

e.AFTER triggers cannot be specified for views,they can only be specified foe tables.

ANS:a,c,e

3. The ObjectContext class is not thread-safe

State True or False

Select one:

True----------ANS

false

4.How can the execution plans of queries on partitioned tables and indexes be examined?

Select one or more:

a.By using the transact-SQL SET SHOWPLAN_XML

b.By using the transact-SQL SET STATISTICS_XML----------ANS

c.By using the transact-SQL SET PARTITION_XML

d.By using the transact-SQL SET INDEX_XML

5.Analyse the link:-"Http"//localhost/music/".Choose the option which is correct for it.

I.Not running under cassini.

II.Running under IIS.

Select one:

a.I only

b.II only----------ANS

c.Both I and II

d.None of the listed options.

6.public void TestDate()

{

Distance z= new Distance();

var message = new Sample(z);

AssertAreEqual(distance,message.z);

}-Analyse the code and identify why it will not work.

Select one:

a.[Status=TestMethod]is not written

b.[TestMethod]is not written

c.proper refference is not invoked at the start of the test. ----------ANS

d.None of the above

7. What are the benefits of using a Unique index?

Select one or more:

a.It is less error prone

b.Data integrity of the defined columns is ensured

c.Additional information helpful to the query optimizer is provided.

d.The performance is not degraded.

ANS:a,b,c

8.Which of the following is a way to install/download a Nuget in your system?

Select one:

a.All the listed options

b.In visual studio, go to tools->Extension Manager->search Nuget->install

c.In your browser go to nuget.org->click on Download----------ANS

d.In a visual studio,right click on References->Add LibraryPackagesReferences->search Nuget->Install

9.public class DependencyResolver

- is the syntax for Dependency Resolver class

State True or False

Select one;

True----------ANS

False

10.How can we create basic Entity Mapping?

Select one:

a.modelBuilder.Entity<Blog>().MapStoredProcedures();

b.modelBuilder.Entity<Blog>().MapToStoredProcedures();----------ANS

c.modelBuilder.Entity<Blog>().ToStoredProcedures();

d.modelBuilder.Entity<Blog>().StoredProcedures();

11) Which of the following is true for DB initialization in config file

ANS

<?xml version="1.0" encoding="utf-8"?><configuration><appSettings>

<add key="DatabaseInitializerForTypeBlogdataLayer.BlogDBContext, BlogDataLayer"

value="System.Data.Entity.DropcreateDatabasealways'1[[BlogdataLayer.BlogDBContext,BlogdataLayer]],EntityFramework"/>

</appSettings></configuration>

12) LINQ stands for-----

Line integrated new query

Language integrated new query

Language integrated Query---------ANS

Line Integrated Query

13) Which of the following option is correct about navigation property

Navigation properties provide a way to navigate an association betwwen two entity types

Every object can have a navigation property for every relationship in which it participates

Navigation properties allow you to navigate and manage relationship in both directions, returning either a reference object or a collection

All of the options----------ANS

14) How is a user defined table valued function in select insert update or delete statements is invoked?

a user defined table valued function can be invoked in the from clause of a select, insert, update and delete statement----------ANS

a user defined table valued function can be invoked as a stored procedure from a select, insert, update and delete statement

a user defined table valued function can be invoked in the where clause of a select, insert, update and delete statement

a user defined table valued function can be invoked in the using clause of a select, insert, update and delete statement

15) Entity framework supports automatic change tracking of the loaded entities during the life time of the conext.

true----------ANS

false

16) Which are the different types of file groups?

Secondary

Primary----------ANS

User-defined----------ANS

Hidden

17) Which statements are true about CLR stored procedures?

It is a reference to a microsoft .net framework common language runtime(CLR) method----------ANS

the method can only take and return user-supplied parameters.----------ANS

the method can only take input parameters.

they are implemented as public static ,methods on a class in a .net framework assembly----------ANS

they atre implemented as private protected methods on a class in a .net framework assembly

18) You are working on a web application and for a particular small operation it is loading the whole page. Which of the following technology will you adopt to improve the functionality

AJAX----------ANS

C++

sharepoint

selenium

19) Which of the following methods make entity framework for detecting changes automatically?

DbSet.Find

DbSet.remove

DbSet.Attatch

All of the options----------ANS

20) Which exception will raise when you define an Entity Data Model that uses stored procedures to make updates to the data source

OptimisticException

ConcurrencyException

OptimisticConcurrencyException

None of the listed options---------- ANS (doubt) may be ans is dbupdateconcurrencyexception

21) By default value of "UnobstrusiveJavaScriptenabled" is

FALSE----------ANS

TRUE

NONE

AUTO

22) Which of the following will render carinfo object stored in viewbag to a view

---------- ANS

car information: @ViewBag.carinfo

23) Problem statement:- peter is a web developer and has created website in ASP>NET MVC# using razor view. people were giving feedback on his site without goignthrough the products details page. they were navigating to the feedback page by

editing the url.

as a friend suggest him to use "ChildAction" through "@Html.Action".which of the following would he chose??

peter should use "@html.goThrough" inplace of "@Html.Action"

the solution given by brock is legitimate

such a problem cant exist----------Ans(doubt)

peter should use "ChildActionOnly" inplace of "ChildAction"

24) Which method converts string to HTML Encoded string

HtmlUtility.Httpcode

HttpUtility.HtmlEncode----------ANS

HttpUtility.Htmlcode

HtmlUtility.XmlEncode

25) ModelBinder interface defines---------

the methods that are required for a model binder----------ANS

the .dll filesthat are required for a model binder

the interface that are required for a model binder

the assembly that are required for a model binder

41. You are given a task by your manager that includes assembly binding.Which file would you configure?

select one:

a.System.config

b.web.config

c.Machine.config

d.Config.config----------ANS

42.Unchanged state is the default state for an entity while the entity is retrived from the database

a.True----------ANS

b.False

43.Which of the statement is true about VARCHAR datatype?

select one or more:

a.varchar can hold alphanumeric data----------ANS

b.The storage size of varchar data type is fixed

c.Each row can hold different no of characters up to the maxlength defined.----------ANS

d.Each row can hold fixed number of characters as defined by max length.

44.Which action result typewill return a temporary redirect(HTTP 302 sattus code) or a permanent redirect(HTTP 301 status code),depending on a boolean parameter?

select one:

a.HttpStatusCodeResult

b.HttpRedirectResult

c.HttpNotFoundResult

d.RedirectResult----------ANS

45.Machine.config contain setting that apply to entire network.

a.true----------ANS

b.False

46._____is an XML -based language which describes the entities ,functions and relationships which create a conceptual model of a application.

select one:

a.conceptual schema definition language(CSDL)----------ANS

b.Conceptual set definition language(CSDL)

c.conceptual select definition language(CSDL)

d.None of above

47. Which statements are true about the max constant in a varchar type?

a.It can be used when the data can exceed more than 8000 charactes.

b.it can be used to fix the max length of charactes for the entire column----------ANS

c.It can be used to store large blocks of text.----------ANS

d.It can be used to store large image types.

48.EDMX is an XML file

a.true----------ANS

b.False

49.Which of the package can be used to write an implementation for ASP.NET identify that targets different persistence store such as Azure Table Storage,NoSql database etc.

a.Microsoft.AspNet.Identity.Core----------ANS

b.Microsoft.AspNet.Identity.EntityFramework

c.Microsoft.AspNet.Identity.OWN

d. Microsoft.AspNet.Identity.Security

50.How can we stop autodetection change in entity framework?

select one:

a.Context.Configuration.AutoDetectChangesEnabled=false;----------ANS

b.Context.Configuration.AutoDetectChangesdisabled=false;

c.Context.Configuration.AutoDetectChangesEnabled=true;

d.Context.Configuration.AutoDetectChangesdisabled=True;

51)Which of the following statements are TRUE?

i.The CompiledQuery class provides compilation and caching of queries for reuse

ii.Execute method is to create a new delegate to represent the compiled query

iii.Once the query is compiled you can supply parameters of primitive type but you cannot replace parts of the query that would change the generated SQL

a.i and ii

b.ii and iii

c.i and iii----------Ans

d.i,ii and iii

52)Which of the following require type-casting in the View?

i.ViewData

ii.TempData

a.i only

b.ii only

c.Both i and ii----------Ans

d.None of the listed options

53)Which of the following snippet creates database in local sql express by default?

i.public class Context:DbContext

{

public Context():base()

{

}

}

ii.public class Context:DbContext

{

public Context():base("DB Name")

{

}

}

iii.public class Context:DbContext

{

public SchoolDBContext():base("name=EduDB")

{

}

}

a.i and ii

b.i and iii

c.ii and iii

d.i,ii and iii

54)Which of the following code snippets is correct for an entity Post having relationship with Blog?

a.modelBuilder.Entity<Post>().HasRequired(p=>p.Blog)----------Ans

b.modelBuilder.Entity<Post>().NeedRelationship(p=>p.Blog)

c.modelBuilder.Entity<Post>().Required(p=>p.Blog)

d.None of the listed options.

55)IObjectContextAdapter Interface is used to:

a.get the reference of ObjectContext from object

b.get the reference of ObjectContext from Entity

c.get the reference of ObjectContext from DBModel

d.get the reference of ObjectContext from DBContext----------Ans

56)Which of the following are database initializers used in Entity Framework?

a.CreateDatabaseIfNotExists----------Ans

b.DropCreateDatabaseIfModelChanges----------Ans

c.DropDatabaseAlways

d.DropCreateDatabaseAlways----------Ans

e.CreateDatabaseAlways

57)What are the different classes into which the SQL Server divides principals?

a.Windows-level principal----------Ans

b.Field-level principal

c.Database-level principal----------Ans

d.SQL Server-level principal----------Ans

58)What is entity key?

a.An entity key is a property or a set of properties of an entity type that are used to determine identity----------Ans

b.An entity key is a property or a set of properties of an entity type that are used to determine the column for searching index

c.An entity key is a property or a set of properties of an entity type that are used to identify relationship among the entities

d.All of the listed options

59)In remote validation HttpPost is used by default.State True or False.

a.True----------ans

b.False

60)Which of the following are different Securable scopes?

a.Server----------Ans

b.Client

c.Database----------Ans

d.Schema----------Ans

1.Which of the following require type-casting in the view?

I.ViewData

II.TempData

Select one:

a.I only

b.II only

c.Both I and II----------ANS

d.None of the listed options

2.Which of the following snippet creates database in local sql express by default?

I.public class Context:DbContext

{

public Context():base()

{

}

}

II.public class Context:DbContext

{

  public Context():base("DB Name")

{

}

}

Select one:

3.How is a User-defined table-valued function in SELECT,INSERT,UPDATE or DELETE statements is invoked?

Select one:

a.A User-defined table-valued function can be invoked in the FROm clause of a SELECT,INSERT,UPDATE & DELETE statement----------ANS

b.A User-defined table-valued function can be invoked as a stored procedure from a clause of a SELECT,INSERT,UPDATE & DELETE statement

c.A User-defined table-valued function can be invoked in the WHERE clause of a SELECT,INSERT,UPDATE & DELETE statement

d.A User-defined table-valued function can be invoked in the USING clause of a SELECT,INSERT,UPDATE & DELETE statement

4.You are given a task by your manager that includes assembly binding.Which file would you configure?

Select one:

a.System.config

b.Web.config----------ANS

c.Machine.config

d.Config.config

5.Which are the different types of file groups?

Select one or more:

a.Secondary

b.Primary----------ANS

c.User-defined----------ANS

d.Hidden

6. Model Binder Interface defines

select one

a. the .dll files that are requested for a model binder

b.the interfacae that are required for a model binder

c. the assembly that are required fro a model binder

d.the methods that are required for a model binder

7. Which statements are true about the maax constant in a varchar type?

a. It can be used when the data can exceed more than 8000 charcters

b. It can be used to fix the max length of charcters for the entire column

c. It can be used to store large blocks of text

d. It can be used to store large image types.

8._____ is an XML based language which describes the entities , functions and relationships which create a conceptual model of a application.

select one

a. Conceptual schema definition langauage (CSDL)

b.Conceptual set definition Languaage(CSDL)

c.Conceptual select definition Language(CSDL)

d.None

9. Which of the following statements are true about AFTER trigger?

select one

a.AFTER trigger executes after the sattements that triggered it completes

b.AFTER trigger executes after the last trigger in the queue.

c.If the statement fails with an error the trigger is not executed.

d. AFTER triggers cannot be specified for tables , they can only be specified fro views.

e.AFTER triggers cannot be specified for views, they can only be specified for tables.

10. Which of teh following methods make entity framework fro detecting changes automatically?

selct one

a.DBSet.FInd

b.DBSet .Remove

C.DBSEt.Attach

d.all

11) Which one in the following is not included in the configuration hierarchy?

ASP.NET Application sub directory

ASP.NET root directory

root web

IIS

ASP.NET client server sub directory----------ANS

12) Unchanged State is the default state for an entity while the entity is retrieved from the database.

TRUE----------ANs

FALSE

13) Which of the following are database initializers used in Entity Framework

CreateDatabaseIfNotExist----------ANS

DropCreateDatabaseIfModelChanges-------ANS

DropDatabaseAlways

DropCreateDatabaseAlways----------ANS

CreateDatabaseAlways

14) public void testdate()

{

distance z = new Distance();

var message = new Sample(z);

Assert.areequal(distance,message,z);

} - analyse the code and identify why it will not work

15) When a LINQ to Entities is Executed

some expression in the query might be executed on the server and some parts might be executed locally on the

client. Client-side evaluation of an expression takesplace before the query is executed on the server----------ANS

some expression in the query might be executed on the server and some parts might be executed locally on the

server. Client-side evaluation of an expression takesplace before the query is executed on the server

some expression in the query might be executed on the server and some parts might be executed locally on the

client. server-side evaluation of an expression takesplace before the query is executed on the server

None of the options

16) which of the following statements are true about varchar data type?

varchar can hold alphanumeric data----------ANS

the storage size of varchar datatype is fixed

each row can hold different number of characters up to the max length defined-----ANs

each row can hold fixed number of characters as defined by max length

17) What is meant by materialization in entity framework?

Materialization is the process of returning query results back to the client as entity types

Materialization is the process of returning query results back to the client as CLR types----------ANS

Materialization is the process of returning query back to the client as CLR types

None of the options

18) Partial page rendering does which of the following

removes the need for the whole page to be refreshed as the result of a HTTPGet

only individual regions of the page that have changed are updated----------ANS

only header of the page that have changed are updated

Removes the need for the whole page to be refershed as the result of a postback-----ANs

19) Correct syntax for ActionLink with following argument AjaxHelper, String, String, AjaxOptions is ------

----------ANS

public static MvcHtmlString ActionLink(

this AjaxHelper ajaxHelper,

string linkText,

string actionName,

AjaxOptions ajaxOptions

)

20) Which of the following will render carinfo object stored in viewbag to a view

---------- ANS

car information: @ViewBag.carinfo

21) Which of the following option is correct about Navigation Property

Navigation properties provide a way to navigate an assiciation between two entity types

Every object can have navigation property for every relationship in which it participates

Navigation properties allow you to navigate and manage relationship in both directions, returning either a reference object or a collection

All of the options----------ANS

22) IObjectContextAdapter Interface is used to:

get the reference of ObjectContext from object

get the reference of ObjectContext from entity

get the reference of ObjectContext from DBModel

get the reference of ObjectContext from DBContext----------ANS

23) which exception will raise when you define an entity data model that uses stored procedures to make updates to the data source

OptimisticException

ConcurrencyException

OptimisticConcurrencyException----------ANS(Doubt)

None of the options

24) analyse the link:- "http://localhost/music/". Choose the option which is correct for it

I. Not running under cassini

II. running under IIS

I only

II only

both I and II----------ANS

none of the options

25) Which of the following model is used to defined application specific object

Entity Data Model----------ANS

SqlDataModel

ObjectModel

None of the Options

26. What are the different classes into which the SQL server divides principles?

select one or more

a. windows-level principle----------ANS

b. field-level principle

c. database-level principle----------ANS

d. SQL Server- level principle----------ANS

27. LINQ stands for

select one

a. Line Integrated Query

b. Line Integrated New Query

c. Language Integrated New Query

d. Language Integrated Query----------
ANS

28. How can the execution plan of queries on partitioned tables and indexes be examined?

Select one or more

a. By using the Transact –SQL SET SHOWPLAN_XML----------ANS

b. By using the Transact –SQL SET STATISTICS_XML----------ANS

c. By using the Transact –SQL SET PARTITION_XML

d. By using the Transact –SQL SET INDEX_XML

29. You are given a task to make the current form secure such that it can be prevented csrf. Which of the following will be helpful?

Select One

a. <% using (Html.BeginForm()) {%><%= Html.AntiXssLibrary()%}

b. <% using (Html.BeginForm()) {%><%= Html.AntiForgaryToken()%}----------
----------ANS

c. <% using (Html.BeginForm()) {%><%= Html.AntiCSRFToken()%}

d. <% using (Html.BeginForm()) {%><%= Html.AntiCSRFLibrary()%}

30. Which of the following is true in doing DB initialization in config file?

Select one (both a and c are same check once again)

a. <?xml version=”1.0” encoding=”utf-8”?><configuration><appSettings><add key=”DatabaseInitializerFrTypeBlogDataLayer.BlogDBContext, BlogDataLayer”/></ appSettings></configuration>

b. <?xml version=”1.0” encoding=”utf-8”?><configuration><appSettings><add key=”DatabaseInitializerFrTypeBlogDataLayer.BlogDBContext, BlogDataLayer”

value=”System.Data.Entity.DropCreateDatabaseAlways`1[[BlogDataLayer.BlogDBContext, BlogDataLayer]], EntityFramework”/></ appSettings></configuration>----------
----------ANS

c. <?xml version=”1.0” encoding=”utf-8”?><configuration><appSettings><add key=”DatabaseInitializerFrTypeBlogDataLayer.BlogDBContext, BlogDataLayer”/></ appSettings></configuration>

d. <?xml version=”1.0” encoding=”utf-8”?><configuration><appSettings><add key=”DatabaseInitializerFrTypeBlogDataLayer.BlogDBContext, BlogDataLayer”, value=”Create Database”/></ appSettings></configuration>

31. Which of the following statements are true.

I. The CompiledQuery class provides compilation and caching of queries for reuse.

II. Execute method is to create a new delegate to represent the compiled query.

III. Once the query is compiled you can only supply parameters of primitive type but you cannot replace parts of the query that would change the generated SQL

Select one

a. I and II

b. II and III

c. I and III----------ANS

d. I, II and III

32. What do you understand by XSS attack?

Select One

a. Injection of malicious script---------- ANS

b. Injection of class definition

c. Hacking via Browser

d. Hacking through cookies

33. What are the benefits of using Unique index?

Select one or more

a. It is less error prone

b. Data integrity of the defined column is ensured---------- --ANS

c. Additional information helpful to the query optimizer is provided----------ANS

d. The performance is not degraded----------ANS

(https://msdn.microsoft.com/en-in/library/ms187019.aspx

Benefits of a Unique Index

Multicolumn unique indexes guarantee that each combination of values in the index key is unique. For example, if a unique index is created on a combination of LastName, FirstName, and MiddleName columns, no two rows in the table could have the same combination of values for these columns.

Provided that the data in each column is unique, you can create both a unique clustered index and multiple unique nonclustered indexes on the same table.

Unique indexes ensure the data integrity of the defined columns.

Unique indexes provide additional information helpful to the query optimizer that can produce more efficient execution plans.)

34. Which action result type will return a temporary redirect (HTTP 302 status code) or a permanent redirect (HTTP 301 status code) depending on the Boolean parameter?

Select one

a. HttpNotFoundResult

b. RedirectResult----------ANS(https://www.asp.net/mvc/mvc3)

c. HttpStatusCodeResult

d. HttpRedirectResult

35. You are handling a page of event. Now the content and information you have cached so that it is loading quickly but

you need to keep a clock which shows time for the event dynamic. Which of the following will be helpful?

a. <%DateTime(t.now);%>

b. <%Response.WriteSubstitution(t=>DateTime.Now.ToLongTimeString())%>----------ANS

c. <% var c = dynamic.DateTime() %>

d. <%session s= new session[“Time”];%>

36.What is entity Key?

Select One

a. An entity key is a property or a set of properties of an entity type that are used to determine identity----------ANS

b. An entity key is a property or a set of properties of an entity type that are used to determine the column for searching index

c. An entity key is a property or a set of properties of an entity type that are used to identity relationship among the entities.

d. All of the listed

37. Problem Statement- Peter is a web developer and has created a website in ASP.NET MVC3 using razor view. People were giving feedback on his site without going through products detail page. They were navigating to the feedback page by editing the URL.

Now as a friend, suggest him to use “ChildAction” through “@HtmlAction”.

Which of the following would he choose?

Select one

a. The solution given by Brock is legitimate

b. Peter should use “@Html.GoThrough” in place of “@HtmelAction”

c. Peter should user “ChildActionOnly” in place of “ChildAction”----------ANS (Not Sure)

d. Such problem can’t exist

51)Identify the different types of stored procedures.

a.User-defined stored procedures-Transact SQL & CLR.----------Ans

b.Compiled Stored Procedures.----------Ans

c.Extended Stored Procedures.

d.System Stored Procedures.----------Ans

52)Which method converts string to HTML Encoded string?

a.HtmlUtility.HttpCode.

b.HtmlUtility.XmEncode.

c.HttpUtility.HtmlEncode.----------Ans

d.HttpUtility.HtmlCode.

53)Machine.config,contains settings that apply to an entire Network.State true or False.

a.True.

b.False.----------Ans

54)The ObjectContext class is not thread-safe.State True or False.

a.True.----------Ans

b.False.

55)Which of the package can be used to write an implementation for ASP.NET Identity that targets different persistence stores such as Azure Table Storage,NoSQL databases etc.?

a.Microsoft.AspNet.Identity.Core.----------Ans

b.Microsoft.AspNet.Identity.EntityFramework.

c.Microsoft.AspNet.Identity.OWIN

d.Microsoft.ASPNET.Security;

56)Which of the following is a way to install/download a Nuget in your system?

a.In your browser go to nuget.org->click on Download

b.In visual studio,go to tools->Extension Manager->search Nuget->Install

c.All of the listed options----------Ans

d.In a visual studio,right click on references->Add LibraryPackageReferences->search Nuget->Install

57)public class DependencyResolver-is the syntax for Dependency resolver class.State True or False.

a.True----------Ans

b.False

58)Which of the following code snippets is correct for an entity Post having relationship with Blog?

a.modelBuilder.Entity<Post>().HasRequired(p=>p.Blog)----------Ans

b.modelBuilder.Entity<Post>().NeedRelationship(p=>p.Blog)

c.modelBuilder.Entity<Post>().Required(p=>p.Blog)

d.None of the listed options.

59)Which of the following approach do we avoid working with the visual designer or entity framework?

a.Code First Approach.----------Ans

b.Model First Approach.

c.Database Approach.

d.None of the listed options.

60)Which of the following statements are TRUE?

i.Client wins and store wins are actions which are used when concurrency happens.

ii.In Client wins the data from the server is loaded in to your entity objects.

iii.In Store wins data from the entity object is saved to the database.

a.i and ii

b.ii and iii

c.only i----------Ans

d.i,ii and iii

1)natasha is trying to access a page but she is not able to do it.

on the other hand when john logged in via his credentials he could .what may be the reason?

a)webserver credential overriding

b)role based access----------Ans

c)url cutomization

d)account rendering

2) LINQ stands for

ans) Language integrated query

3)if foreign key coloumns are not available in the model , the relationship are reffered with the object references instead of

foreign key properties .what is the association called??

a)independent association --------ans

b)dependent association

c)relationship

d)entityrelationship

4)which all index options can be set without rebuilding the index?

a)allow_page_locks----------ans

b)allow_row_locks----------ans

c)ignore_dup_keys----------ans

d)data_compression

e)statistics_norecompute----------ans

5)a query is an expression that retrieves data from a data source?

true ----------ans

false

6)for any injection ,we use

a)[inject]

b)none ----------Ans Doubt

c) [injection creato]

d) [inject initialize]

7)which of the following is not a HtmlHelper?

a)LabelFor

b)EditorFor

c)ValidationMessageFor

d)None of the listed options----------ans

8)how can we disable proxy object creation in POCO?

A) CONTEXT.CONTEXTOPTIONS.ENABLED = FALSE;

B)CONTEXT.CONTEXTOPTIONS.PROXY=FALSE;

A) CONTEXT.CONTEXTOPTIONS.PROXYENABLED = FALSE;

B)CONTEXT.CONTEXTOPTIONS.PROXYCREATIONENABLED = FALSE;----------ANS

9)SaveChanges() will be raised exception when which of the following object is added to the

objectcontext and it cannot be successfully created in the data source?

a)DbException

b)Savexception

c)ChangeException

d)UpdateException----------ans

10)Activator class cannot be inherited?

true--------answer

false

11)which of the following class object is used for manipulatiing entity and trigger the changes while insert

,delete and update on the entity?

a) DbContext----------Ans

b) DataContext

c) Model-defined Functions

d) None

12)_____is an xml-based language which describes the entities, functions and relationships which create a conceptual model of an application?

a) conceptual schema definition language----------ans

13)Which of the following mapping is supported by Fluent Api?

a) Model-wide mapping

b)entity mapping

c) property mapping

d) all ----------answer

14)what are the significance of recovery model setting??(multiple)

a)it determines how much data can be recovered in the event of a media failure----------Ans

b) it determines the location where the data should be recovered in the event of a media failure

c)the default recovery is full , which provieds the greatest level of recovery----------Ans

d) the default is partial which provides the greatest level of recovery

15)Which statements are true about rank function?

a)it returns the rank of each row in the table within the partition of a database----------ans

b) the rank of a row is equal to the number of ranks that comes before the row in question

c) the rank of a row is one plus the number of ranks that comes before the row in question------ans

d)the rank function returns consecutive integers

e) the rank function does not always return consecutive integers----------ans

16) In application page. you are supposed to take details from a user but you to make sure that the user doesn't leave this space blank. Which of the following will accomplish this objective?

a. [Required]

    public Pricate string Details{get;set;}

b. [Required]

    public virtual string Details{get;set;}----------Ans

c. [Must]

    public virtual string Details{get;set;}

d. [Must]

    public virtual int Details{get;set;}

17) Which of the following option is CORRECT to select only the coulumns StudentName, Department and GroupName from the student entity of the student name "Kishore"?

a. from s in ctx.Students where s.StudentName == "Kishore" select new { s.StudentName, s.DepartmentName, s.GroupName };----------Ans

b. from s in ctx.Students where s.StudentName == "Kishore" where new { s.StudentName, s.DepartmentName, s.GroupName };

c. from s in ctx.Students where s.StudentName == "Kishore" include new { s.StudentName, s.DepartmentName, s.GroupName };

d. None of the listed options

18)which of the following should you to choose to activate buildview property in asp.net?

ans) <MvcBuildViews>true</MvcBuildViews>

19)which of the foolowing is the full for for ssdl

ans)Storage Schema Definition Language

20)dependencyresolver() is destructor?

ans)false

21)how is the data of partition tables managed?

(a)The data of aprtioned tables and indexes is divided into units .....ans

(b)the data is partitioned horizontally,.....ans

(d)The table or index is treated as single logical entity.----------Ans

22) Your manager has given you a task. It reads as follows:- the product list should be shown and when the user clicks on the product name it should Show it's details. Do it without Using Json.

Which of the following would you choose?

a. $(function(){ var service=new ProductService();
service.GetInstructorNames(function(result){${result).each(function(result)

{$("<option>").val(this.ID).text(this.Name) .appendTo("#productSelect");});});----------
Ans

b. $("#productSelect").change(function(){ var val=$("#productSelect").val() if(parseInt(val)){
var service=nes ProductService(); service.GetProductDetails(val.function(data)) {var
list=("<ul></ul>"); $(data.Facts).each(function(){$("<li>"+this+"</li>").appendTo(list);});
$("productShow").html(list); }); } else { $("#productShow").html("");} });

c. $("#productSelect").change(function(){ var val=$("#productSelect").val() if(parseInt(val)){
var service=nes ProductService(); service.GetProductDetails(val.function(data)) {var
list=("<ul></ul>"); $(data.Facts).each(function(){$("<li>"+this+"</li>").dependTo(list);});
$("productShow").html(list); }); } else { $("#productShow").html("");} });

d. $(function(){ var service=new ProductService();
service.GetInstructorNames(function(result){${result).each(function(result){$("<option>").val(t
his.ID).text(this.Name) .appendTo("#productSelect");});

23) Which of the following Entity will create a table with the following specifications:

I. It should have FirstName and should be required

II. It should have LastName and should be Required

III. Full Name must be FirstName LastName

IV. EmployeeID should be primary key

V. It should have DepartmentID

VI. Department Entity should be lazy loading

a. public class Employee

b. public class Employee{ public string EmployeeId {get;set;} public string FirstName {get;set;} public string FullName {get;set;}public string DepartmentId{get;set;} public Department Department{get;set;}}

c. public class Employee{[key]public string EmployeeId{get;set;}public string FirstName {get;set;}[DatabaseGenerated(DatabaseGeneratedOption.Computed)]

public string FullName { get{ return FirstName +"."+ LastName; }} public string DepartmentID{get;set;) public virtual Department Department{get;set;}}----------Ans

d. public class Employee{ [key] public string EmployeeId {get;set;} public string FirstName {get;set;} public string FullName {get;set;}public string DepartmentId{get;set;} public Department Department{get;set;}}

e. public class Employee{[key]public string EmployeeId{get;set;}public string FirstName {get;set;}[DatabaseGenerated]public string FullName { get{ return FirstName +"."+ LastName; }} public string DepartmentID{get;set;) public Department Department{get;set;}}

24. You have to validate project name from the company database.-Which of the following will be helpful?

a. public string Pname{ get; set;}

[Remote ("CheckPname"."Home"."Error Message="Name not there")]

public JavaResult CheckPname (string Pname)

{/* validation code*/}

return Java(result,JsonRequestBehavior.AllowGet);

b. public string Pname{ get; set;}

[Compare ("CheckPname"."Home"."Error Message="Name not there")]

public JsonResult CheckPname (string Pname)

{/* validation code*/}

return Json(result,JsonRequestBehavior.AllowGet);----------Ans

c. public string Pname{ get; set;}

[Remote ("CheckPname"."Home"."Error Message="Name not there")]

public JsonResult CheckPname (string Pname)

{/* validation code*/}

return Json(Pname,JsonRequestBehavior.DenyGet);

d. public string Pname{ get; set;}

[Remote ("CheckPname"."Home"."Error Message="Name not there")]

public JsonResult CheckPname (string Pname)

{/* validation code*/}

return Json(result,JsonRequestBehavior.AllowGet);

25)which statements are true about large clr user defined types?

(a) Extend exisiting SQL Server Type Sysytem.----------ans

(c)Allow you to store CLR objects in SQL Server Database.----------ans

26)how can we delete the database on the database server if it exists?

ans)Delete(DbConnection)

27. Which of the following code can be used as an option for partial view through child request?

a. Part 1=@html.Action("Sampleone","Feedback")

Part 2= [ChildActionOnly]

public ActionResult Sample_one()

{*..some code..*}

b. Part 1=@html.Action("Sampleone","Feedback")

Part 2= [ChildAction]

public ActionResult Sample_one()

{*..some code..*}

c. Part 1=@html.Action("Sample_one","Feedback")

Part 2= [ChildActionOnly]

public ActionResult Sample_one()

{*..some code..*}----------Ans

d. Part 1=@html.Action("Sampleone","Feedback")

Part 2= [ChildAction]

public ActionResult Sample_one()

{*..some code..*}

28)which one of the following are the properties of the HTTPcONFIGURATION CLASS?

a) Dependency Resolver--ans

(c) Mesaage Handlers--ans

29)choose handle error attribute globaly

(b) All of the listed options-ans

30)DbContext does not support comiled queries?

true----------ans

31)How can we set primary key explicitly for an entity?

a.ModelBuilder.CreateKey<Entity>(t=>t.KeyColumnYouWant);

b.ModelBuilder.Entity<Entity>().HasKey(t=>t.KeyColumnyouWant);

c.ModelBuilder.Key<Entity>(t=>t.KeyColumnYouWant);

d.None of the listed options.----------ans doubt

32)In Lazy loading,the navigation property has to be declared as:

a.static

b.public----------Ans

c.proxy

d.virtual----------Ans

33)Which statements are true about CLR stored procedures?

a.It is a reference to a Microsoft.NET Framework common language runtime(CLR)method.----------Ans

b.The method can take and return user-supplied parameters.----------Ans

c.The method can only take input parameters.

d.They are implemented as public,static methods on a class in a .NET Framework assembly.----------Ans

e.They are implemented as private,protected methods on a .NET Framework assembly.

34)What are the benefits of using a Unique index?

a.It is less error prone.

b.Data integrity of the defined columns is ensured.----------Ans

c.Additional information helpful to the query optimizer is provided.----------Ans

d.The performance is not degraded.

35)SQL Server consists of which of the following three types of files?

a.Primary data files----------Ans

b.Secondary data files----------Ans

c.Hidden files

d.Log files----------Ans

36)Which of the following is not the Design goal of ASP.NET MVC3?

i.Embrace the Web

ii.Testable

a.ii only----------Ans

b.Both i and ii

c.None of the listed options

d.i only

37)What are the limitations of Ownership chaining?

a.Applies only to DML statements:SELECT,INSERT,UPDATE and DELETE.----------Ans

b.The owners of the caliing and the called objects must be the same.----------Ans

c.The owners of the calling and the called objects must be different.

d.Does not apply to dynamic queries inside the module.----------Ans

38)What does the following syntax do?

CREATE TABLE T1(Col1 int primary key,Col2 xml)

a.It creates a row in a table.

b.It creates a column of type int in the table & sets it as a primary key.----------Ans

c.It creates a column of type xml.----------Ans

d.It creates an empty table.

39)Partial page rendering does which of the following?

a.Removes the need for the whole page to be refreshed as the result of a HTTPGet.

b.Removes the need for the whole page to be refreshed as the result of a postback.----------Ans

c.Only header of the page that have changed are updated.

d.Only individual regions of the page that have changed are updated.----------Ans

40)How are user defined functions different from User-defined Stored Procedures?

a.In user-defined function the default parameter is specified with a DEFAULT keyword.

b.In User-defined function omitting the parameter also implies default value.

c.User-defined functions do not support output parameters.----------Ans

d.User-defined functions do support output parameters.

41)Which of the following is used to provide short expression for querying entities over linq?

a.LINQ to DataSet.

b.LINQ to SQL.

c.Lambda expression.

d.None of the listed options.

42)Which of the following approach do we avoid working with the visual designer or entity framework?

a.Code First Approach.----------Ans

b.Model First Approach.

c.Database Approach.

d.None of the listed options.

43)Novak is a given a task by his manager to strictly load a particular image only after page gets loaded.What will you advice him to do?

i.Tell him to use JavaScript.

ii.Tell him to combine OnLoad function with JavaScript.

iii.Tell him to use AfterLoad function with JavaScript.

a.i and ii----------Ans

b.ii and iii

c.i and iii

d.i,ii,iii

44)In console window,PM stands for _____

a.Project Manager.

b.Package Manager.----------Ans

c.Package Model.

d.Priority Manager.

45)Which statements are true about the GROUPING function?

a.It is an aggregate function that causes an additional column to be used with a value of 1 when the row is added by either the CUBE or ROLLUP operator.

b.It is an aggregate function that causes an additional column to be used with a value of 0(True) when the row is added by either the CUBE or ROLLUP operator.

c.It is an aggregate function that causes an additional column to be used with a value of 0 when the row is not the result of CUBE or ROLLUP operator.

d.It is an aggregate function that causes an additional column to be used with value equal to the number of rows added by either the CUBE or ROLLUP operator.

e.Grouping is allowed only in the select list associated with a GROUP BY clause that contains either the CUBE or RoLLUP operator.

46.by default, the entry framework will generate the database

queries and update commands when your code interacts with the model?

Ans:True

47.entity is defined as _____ of the object, but not the behavior of the object?

a.Object

b.Schema----------Ans

c.Entity

d.None

48.Entity framework is an open source framework? True or false

Ans:True

49.In an application page, you are suppose to take students % between 40-80.

which of the following will accomplish this objective?

select one

a.[Range (40,80)]

public virtual int Perc{get;set;} ----------Ans

b.[between (40;80)]

public virtual int Perc{get;set;}

c.[Range (40,80)]

public virtual string Perc{get;set;}

d.[Range (40||80)]

public virtual int Perc{get;set;}

50.What kind of data does the XML datatypes store in SQL server? (Multiple ans)

a.Office documents

b.Memory maps

c.XML documents----------Ans

d.Fragments----------Ans

51.What does a cache profile do?

i.Cache profile allows libraries to provide fast output to sql queries

ii.Cache profile avoids repetition in cache attributes

select one:

a.Both i and ii----------Ans

b.i only

c.ii only

d. None of the listed options

52.Fredrick is carrying out a TDD and is expecting ArgumentOutOfRange exception

but he does not known how to write a code to declare that an exception is expected.

To help him, which of the following would you choose?

select one;

a.[Exception.Expected=ArgumentOutOfRange]

b.[ArgumentOutOfRangeException.Expected]

c.[ExpectedException(typeof(ArgumentOutOfRange))]----->ans

d.[ArgumentOutOfRange.Expected=True]

53.How are Database-level principles categorized?(Multiple ans)

a.database administrator

b.database user-->ans

c.database role-->ans

d.windows role

e.Application role-->ans

54.In caching,by default the location property have the value___

a.All

b.Any--->ans

c.None

d.Auto

55.Which of the following is a way to install/download a Nuget in your system?

a.In your browser go to nuget.org-->click on download

b.In a visual studio, right click on references-->Add LibraryPackageReferences-->search nuget-->Install

c.All of the listed options----------Ans

d.In visual studio, go to tools-->Extension manager-->search Nuget-->Install

56.what is meant by Materialization in entity framwork?

Ans:Materialzation is the process of returning query results back to the

client as CLR types

57.Entity framework support foreign key? t or f

Ans: True

58.If your are moving your project from MVC2 to MVC3 what will be the

value of "UnobtrusiveJavaScriptEnabled"

a.True

b.None

c.False--->ans

d.Auto

59.We can write raw sql query in SQLQuery() method in entity framework? T or F

Ans:true

60.Which namespace is used to handle EntityClient provider?

a. System.Data.EntityClient--->ans

b.System.Transactions

c.system.data.annotations

d.None of the listed options