***2nd Written Exam 24/07/2018***

1, Q.250. What is row function, which is Example?

ROW FUNCTION IS RANK, DENSE\_RANK, and NTILE

Exam: RANK () OVER (ORDER BY a.PostalCode) AS ‘Rank’,

DENSE\_RANK () OVER (ORDER BY a.PostalCode) AS ‘Dense Rank’,

NTILE (4) OVER (ORDER BY a.PostalCode) AS ‘Quartile’

2, Q, 219. How Correlated Sub queries Work

1. The outer query obtains a record and passes it into the inner query.

2. The inner query executes based on the passed-in value(s).

3. The inner query then passes the values from its results back to the outer query, which uses

Them to fi Nish it’s processing.

3, Q.176. What kinds of constraints, define this?

A constraint is a restriction. Placed at either column or table level, a

Constraint ensures that your data meets certain data integrity rules.

1. Domain Constraint, Domain constraints deal with one or more columns

2. Entity Constraint, Entity constraints are all about comparing rows

3. Referential Integrity Constraints , Referential integrity constraints are created when a value in one column must match the value in Another column — in either the same table or, far more typically, a different table.

4, Q.117. Define the join, full join, CROSS JOINs?

1. A FULL JOIN is perhaps best described as what you would get if you could do a LEFT JOIN and a

RIGHT JOIN in the same JOIN.

2. To create a CROSS JOIN using the old syntax, you just

Do nothing. That is, you don’t put anything in the WHERE clause of the form TableA.ColumnA =

TableB.ColumnA.

5, Q. which of the Rules for Naming

1. The name of your object must start with any letter, as defy Ned by the specific caption for

Unicode 3.2.

2. The name can be up to 128 characters for normal objects and 116 for temporary objects

3. Any names that are the same as SQL Server keywords or contain embedded spaces must

Be enclosed in double quotes (“”) or square brackets ([]).

6, Q. What is computed columns in sql server?

We use a powerful feature provided in SQL Server. This feature is "Computed Columns". A computed column is computed from an expression that can use another column or columns in the same table.

7, Q. Write this Object Name (eight),

The database itself ,The transaction log ,Tables ,Indexes ,Filegroups ,Diagrams ,Views ,Stored procedures ,User-defi ned functions ,Sequences, Users, Roles, Assemblies, Reports, Full-text catalogs, User-defi Ned data types.

8, Q. Schemas syntax?

9, Q.

10, Q.

***2nd Module Exam MCQ 24/07/2018***

**01, which of the following encapsulated a set of values?**

1. Properties **b. interface** c. Both A and B d. None of Above

**02. Which is XOR sign?**

1. **^**  b. == c. !> d. <>

**03. How many parameters dose the generic dictionary class tasks?**

a. One **b. Two** c. Three d. four

**04. Which one is valid I enumerator declaration?**

**c. public class Printable Collection<T> where T : I Printable**

**05. Which of the following is the correct declaration of an indexer in an interfac**

a. bool this [int index] b. bool this [int index] {get; {return this ;} set this=value ;}}

**c. bool this (int index) {get; set ;}** d. bool this [int index]{get{return this. Value ;} set {this. Value=value ;}}

**06. Collection classes are-**

**a. generic** b. primitive type c. general types d. None of above

**07. Which collection class requires key & Value?**

a.List b. Queue c. Linked list **d. Shorted List**

**08. Which is the sign of lambda?**

1. => b. += c. !> d. +

**09. . How many element in method?**

a. Two b. Five c. Two  **d.Four**

**10. How many element dose a Lambda expression consists?**

a. One b. three c. Four **d. Two**

**11. In C# Language the value of x and y of a complex number is**

**a. regular integer’s**  b. regular double c. regular decimal d. regular float

**12. When you can omit the parentheses of a lamda expression?**

a. if the expression takes no parameter **b. If the expression takes single parameter**

c. If the expression takes multiple parameter d. If the expression does not exists.

**13. Which keyword define an iteration should return?**

1. **Yield**  b. return c. break d. continue

**14. How to subscribe in an event?**

1. **+=**  b. ++ c. -= d. ==

15.

16. a.

17. a.

18. d.

19. b.

**20. How many types of common keys are there in SQL Server database?**

a. One  **b. Two** c. Three d. Four

**21. What is meaning of @ in this code; a @ = b?**

**a.. Operator** b. method c. Values d. Event

**22. Which of the following network libraries is the default network library in SQL Server 2012?**

a. Named Pipes **b. TCP/IP**  c. Shared Memory d. VIA

**23. Which database is used as template while creating new database?**

a. master b. msdb c. tempdb **d. Model**

**24. Which of the following services is NOT utilized by SQL Server?**

a. Analysis Service **b. Security Service** c. SQL Agent d. QL Browser

25.

26.

**27. Equivalent of A between B and C**

**a. A>=B AND A<=C** b. A>B NOT <=C c. A>=B OR A=C d. None of above

**28. Which of the following statement is used to read information from database?**

**a. select** b. insert c. update d. delete

**29. Which of the following clause specifies name of the table or table from which you want to get your data?**

a. group by **b. from**  c. having d. where

**30. Which of the following clause allows you to place condition in your sql statement?**

a. group by b. from c. having **d. where**

**31 If you don’t specify ASC or DESC with ORDER BY clause, in what order the data will return?**

**a. ASCENDING ORDER** b. DESCENDING ORDER c. NATURAL ORDER d. REVERSE ORDER

**32. In which of the following database does the sql agent process stores any system tasks?**

a. the model database **b. the msdb database** c. the tempdb database d. the master database

**33. Which of the following is used to separate name of the column in SQL SELECT Statement?**

a. . b. [] **c. ,**  d. ;

**34. Which of the following is a wildcard?**

a. Comma (,) b. Dot (.) **c. Steric (\*)** d. Double Quotation (“”)

**35. Which of the following clause don’t have an ON operator?**

a. Inner join b. Outer join c. Full join **d. Cross join**

**36. Which of the following will you do if you want to separate your database objects into logical group?**

a. create database b. create table **c. Create schemas**  d. Create views

**37. When you are writing a script to create a database which of the following option deal with the issue of sort order** **case sensitivity, and sensitivity to accents?**

a.With db. Chaining on |off b. Trustworthy **c. Collate**  d. Containment

**38. Which of the following keys are basically just any INDEX?**

a. Primary Keys b. Foreign Keys c. Alternate Keys **d. Inversion Keys**

**39. Which of the following keys are Bi-Directional?**

a. Primary keys **b. foreign keys** c. Alternate keys d. Inversion keys

**40. Which of the following constraints are referred to as alternate key?**

a. Primary key constraints b. foreign key constraints

**c. UNIQUE key constraints** d. None of above constraints

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14. Which can encapsulate a set of value?

a. Indexer b. Lambda c. enum d. Interface