

FINALL

1. BEGIN
For I in 1..10 LOOP
If I=4 or I=6 THEN null;
ELSE
INSERT INTO test(result) VALUES(I);
END IF;
COMMIT;
END LOOP;
ROLLBACK ;
END.
How many values are inserted into the TEST table ?
 - a) 0
 - b) 1
 - c) 8
 - d) 10
2. Which of the following SQL statement displays the date March 19, 2001 in a format that appears as Nineteenth of March 2001 12:00:00 AM ?
 - a) SELECT TO_CHAR(TO_DATE('19-Mar-2001','DD-mon-YYYY'),'Ddspth "of" Month YYYY fmHH:MI:SS AM')
NEW_DATE FROM dual;
 - b) SELECT TO_CHAR(TO_DATE('19-Mar-2001','DD-mon-YYYY'),'fmDdspth "of" Month YYYY fmHH:MI:SS AM')
NEW_DATE FROM dual;
 - c) SELECT TO_CHAR(TO_DATE('19-Mar-2001','DD-mon-YYYY'),'fmDdspth "of" Month YYYY HH:MI:SS AM')
NEW_DATE FROM dual;
3. SELECT manufacturer_id "Manufacturer Identification Code" ,SUM(price) FROM Inventory WHERE price>6.00
GROUP BY "Manufacturer Identification Code"
ORDER BY 2
Which of the following gives the error clauses in the above query?
 - a) WHERE price>6.00
 - b) GROUP BY "Manufacturer Identification Code"
 - c) ORDER BY 2
 - d) SUM(price)
4. Which of the following are true about nested tables ?(Choose 3)
 - a) They are multi-dimensional
 - b) They are homogeneous collections
 - c) They can be defined in both PL/SQL & Database
 - d) They are initially dense but can become sparse through deletions
5. Which of the following function in SQL will help you to remove 'W' from "WONDERFUL" ?
 - a) SELECT DECODE("W","WONDERFUL") from dual
 - b) SELECT TRIM('W' from 'WONDERFUL') from dual
 - c) SELECT SUBSTR('W' from 'WONDERFUL') from dual
 - d) SELECT TRIM("W" from "WONDERFUL") from dual

6. DECLARE

```
name varchar2 (5);
begin
<inner>
begin
name ='justice';
when value_error then
raise num_not_found exception
when not_found then
dbms..... ("inner block")
end
exception
when not_found then
dbms_output.put_line..... ("outer block");
END
```

Which of the following will be the output of the following code segment ?

- a) no exceptions
- b) inner block
- c) outer block
- d) num_not_found exception

7.

What value would be assigned to v_new_value if v_value=250 ?

- a) 250
- b) 1000
- c) 750
- d) 500

8. Which of the following section of a PL/SQL block is required to create a functional program ?

- a) BEGIN and END executable
- b) DECLARE
- c) EXCEPTION
- d) HEADER

9. Which of the following section can be present in an anonymous PL/SQL block ? (Chose 3)

- a) Header
- b) Declaration
- c) Executable
- d) Exception

10. In the following code, does the IF condition evaluate to TRUE or FALSE ?

```
IF 'Dinu'='dinu' THEN
&
END IF;
```

- a) TRUE
- b) FALSE

11. To store the value -564 in a variable, which of the following data can be used ? (Choose 3)

- a) Integer
- b) number(6,2)
- c) positive
- d) number

12. Consider the following stored procedure based on employees table(employee_id, emp_name, salary)

```
CREATE OR REPLACE PROCEDURE raise_salary
(p_id IN employees.employee_id%TYPE)
IS BEGIN
UPDATE employees
SET salary = salary * 1.10
WHERE employee_id = p_id;
```

The above code segment when executed results in error .

Which of the following statements, when added will successfully execute the program ? (Choose 2)

- a) END;
- b) raise_salary;
- c) END raise_salary;
- d) EXIT raise_salary;

13. Which of the following would you use in a SELECT statement to display maximum revenue grouped project wise?

- a) The sql statement should contain WHERE clause
- b) The sql statement should contain a Grouping function and GROUP BY clause
- c) The sql statement should contain ORDER BY clause
- d) The sql statement should contain a Grouping function, GROUP BY clause and HAVING clause

14. In which of the following clauses can subquery be used? (Choose 2)

- a) In a FROM clause of a SELECT statement
- b) In an ORDER BY clause of a SELECT statement
- c) In an INTO clause of an INSERT statement
- d) In a GROUP BY clause of a SELECT statement

15. The maximum length of varchar2 data type in oracle 10g is ____

- a) 2000 bytes
- b) 1000 bytes
- c) 6000 bytes
- d) 4000 bytes

16. DECLARE

```
TYPE ename_list is TABLE OF emp.ename%TYPE;
ename1 ename_list := ename_list();
ename2 ename_list := ename_list();
begin
& -- line 6
End;
```

To add an element 'Ram Kumar' to the collection ename1 at line 6, which of the following is correct ?

- a) ename1(1) := 'Ram Kumar';
- b) ename1.Extend; ename1(1) := 'Ram Kumar';
- c) ename1 := 'Ram Kumar';
- d) ename1.ename_list := 'Ram Kumar';

17. In SQL, Varchar Data Type can store both Characters and Numbers

18. Declare

```
Cursor c1 is select * from emp;  
--- declare c_rec here --- line 3  
Begin  
Open c1;  
Fetch c1 into c_rec;  
& .  
End;
```

Which of the following declaration can be used for line 3 ?

- a) TYPE c1 c_rec;
- b) C_rec record TYPE;
- c) C1 TYPE c_rec;
- d) **C_rec c1%ROWTYPE;**

19. SELECT emp.ename, dept.dname FROM emp JOIN dept
ON emp.deptno = dept.deptno

The above given query is an example of _____

- a) Natural Join
- b) Inner Join
- c) **Equi Join**
- d) Outer Join

20. You need to remove the database trigger BUSINESS_HOUR.

Which command do you use to remove the trigger in the SQL *Plus environment?

- a) **DROP TRIGGER business_hour;**
- b) DELETE TRIGGER business_hour;
- c) REMOVE TRIGGER business_hour;
- d) DELETE FROM USER_TRIGGERS WHERE TRIGGER_NAME = 'BUSINESS_HOUR';

21. Which of the following integrity rules of sql states that if a relational table has a foreign key, then match the values in the relational table in which that foreign key is a primary key ?

- a) Domain Integrity
- b) Table Integrity
- c) Entity Integrity
- d) **Referential Integrity**

22. In the following declaration birthday_list is of type NESTED TABLE. State TRUE or FALSE
TYPE birthday_list IS TABLE OF date INDEX BY POSITIVE;

Ans: FALSE **TRUE**

23. Which of the following is true with respect to a relational database?

- a) A database that is able to process tables, queries, forms, reports.
- b) One that consists of two or more tables independent of each other.
- c) **One that consists of two or more tables that is in relation with each other.**

24. Which of the following events can cause a trigger to fire ? (Choose 3)

- a) An user executes a SELECT statement
- b) A database is shut down or stated up
- c) An user executes a CREATE or TABLE statement
- d) An user logs on or logs off the database

25. Which of the following statements are true about overloading of subprograms ? (Choose 3)

- a) The name of the subprograms must be the same
- b) You can place two overloaded procedures in the same block
- c) The type, order or number of arguments must be different
- d) You can overload only standalone subprograms

26. CREATE OR REPLACE

PACKAGE discounts

IS

g_id NUMBER := 8245;

discount_rate NUMBER := 0.00;

PROCEDURE display_price (p_price NUMBER);

END discounts;

CREATE OR REPLACE PACKAGE BODY discounts

IS

PROCEDURE display_price (p_price NUMBER)

IS

BEGIN

DBMS_OUTPUT.PUT_LINE('Discounted ' ||

TO_CHAR(p_price*NVL(discount_rate, 1)));

END display_price;

BEGIN

discount_rate := 0.10;

END discounts;

Which statement is true?

- A. The value of DISCOUNT_RATE always remains 0.00 in a session.
- B. The value of DISCOUNT_RATE is set to 0.10 each time the package is invoked in a session.
- C. The value of DISCOUNT_RATE is set to 1.00 each time the procedure DISPLAY_PRICE is invoked.
- D. The value of DISCOUNT_RATE is set to 0.10 when the package is invoked for the first time in a session.

27. Which of the following SQL statement will retrieve the list of employee names of 4 characters ending with "ill" ?

- a) Select empname from emp where empname like 'ill_'
- b) Select empname from emp where empname like '%ill%'
- c) Select empname from emp where empname like '_ill'
- d) Select empname from emp where empname like '%_ill'

28. Which of the following statements are true when an error/exception is raised ? (Choose 3)

- a) You can continue with the next statement in the current block
- b) Processing in the current block stops
- c) Control is transferred to the exception section of the current block
- d) Control is passed to the enclosing block after the exception is handled

29. When an exception occurs, PL/SQL processes all the handlers that are applicable before leaving the

TRUE

FALSE

30. Which of the following statements can be executed in PL/SQL block ?

- a) DDL
- b) DML
- c) Select
- d) all the above

31. DECLARE

CURSOR emp_cursor(p_deptno NUMBER, p_job VARCHAR2)

IS

SELECT EMPNO, ENAME

FROM EMP

WHERE DEPTN = p_deptno

AND JOB = p_job;

BEGIN

.....

Which of the following statement opens the cursor successfully ?

- a) OPEN emp_cursor('clerk' , 10);
- b) OPEN emp_cursor(p_deptno , p_job);
- c) OPEN emp_cursor;
- d) OPEN emp_cursor(10 , 'analyst');

32. Which of the following provide only database related error information? (Choose 2)

- a) raise_application_error
- b) pragma exception_init
- c) sqlerrm
- d) sqlcode

33. Which of the following is true about aggregate functions COUNT() and COUNT(*)?

- a) COUNT() returns only count of unique rows from a particular table but COUNT(*) returns count of all rows
- b) COUNT() / COUNT(*) function cannot be used with group by and having clause
- c) COUNT and COUNT(*) can be used with Distinct keyword
- d) COUNT / COUNT(*) function omits the count of NULL values

34. Can a collection be copied to another collection of the same type.(T/F).

(ANS: TRUE (One collection can be assigned to another by an INSERT, UPDATE, FETCH, or SELECT statement, an assignment statement, or a subprogram call.))

35. When an exception has a name and a number associated to it.

But does not have name to mention in the Raise or When clause then it is what type of exception.

ANS: anonymous exception

36. Create or replace trigger <name> before LOGON.....etc. What type of trigger is this.

(ANS: Invalid trigger) (Before LOGON Trigger does not exist)

37. Create trigger

Trigger fired on:

1. before updation on some column

2.....

Which of the following trigger code segment will correctly achieve ...???

ANS: statement that containsbefore update and for each row

38. Which of the following feature of Oracle 10g allows users to see a consistent view of a point in the past, without requiring any structural changes to the database?

- a) Rollback Segments
- b) Query Flashback
- c) Cursor management
- d) Indexing

39. If varray has 1 element then select from following ...

- a) 1st=1, last=1, count=1
- b) 1st=1, last=null, count=1
- c) 1st=1, last=0, count=1
- d) 1st=null, last=1, count=1

40. How will we come to know how many times trigger body will be executed ?

- a) Trigger type
- b) Trigger event
- c) Trigger timing
- d) Trigger body

41. Varray(2) of varchar2(100) means

Array of 2 elements having each size Varchar2(100)

42. Which of the following will allow you to pass a value from a procedure to the calling environment?

- a) VARCHAR2
- b) IN
- c) OUT
- d) RETURN

43. Another procedure block.....

```
Create procedure procedure_name (id number in, city varchar2 in, name varchar2 in)
Begin
Insert into procedure_name (vid, vcity, vname) values (id, city, name)
End;
```

- a) execute insert into procedure_name(123,'chennai','sunny')
- b) execute insert into procedure_name(id=123,city=>Chennai, name=>sunny)
- c) execute insert into procedure_name(id:=123,city:='Chennai',name:'sunny')

44. function related block...don't remember.....to retrieve the value....when compiled, error is generated...??

the block is like this (think so)

```
declare
```

```
.....
```

```
begin
```

```
.....
```

```
function_name(100)
```

```
.....
```

```
...
```

```
..
```

```
end
```

a. exception is not declared properly

b. cannot use function statement directly into the pl sql block and database

c. exception name is not declared

45. which function is used to undone changes for transaction

a. rollback complete

b. rollback to savepoint

c. commit changes

d. rollback

46. which trigger is related with application

ans application trigger

47. question package specification and body which is

ans package specification is invoked first time in one session

48. Correct syntax for defining a user defined exception, called myExp is _____

- a) Create Exception myExp;
- b) myExp new Exception;
- c) Exception myExp;
- d) myExp exception;

49. procedure derives the result using _____

OUT parameter...

50. Mycollection (10)(20) is this a example of multi-level collection.(T/F).

(ANS:TRUE)

51. collections can be passed in select/view statement-True/False

(Ans: True)

52. what is row level/statement level trigger -

(ANS: trigger type)

53. can a trigger be executed for same table for same statement two times(ex:insert) -true/false

(ANS:TRUE it is called cascading trigger)

54. Exceptions are handled in -----

- a) Header
- b) Declaration
- c) Exception
- d) Executable

55. Materialized views (advantages/disadvantages and usage)

Materialized view can store data unlike the simple view.

Materialized view have a property of auto refreshing.

56. Which of the following are true about Materialized Views ?(Choose 2)

- a) A materialized view cannot include tables and views definitions and other materialized views.
- b) Materialized views can increase the query execution performance
- c) An index cannot be created on Materialized views
- d) Materialized view consumes storage space and must be updated when the underlying detail table

57. what are the things which the functions need to perform

(Ans: must return a value)

58. declare

```
i number:=250;
j number;
is
if i>100 then
j:=2*i;
else if i>200 then
j:=3*i;
else if i>300 then
j:=4*i;
else
j:=5*i;
end if;
```

What will be the value of j?

(Ans: 500)

59. Can we create 2 Before insert trigger for the same table.(T/F).

Ans: TRUE we can cascade triggers...I have checked using oracle...

60. If a row in Master table is deleted, then it's corresponding rows in child table should be deleted

1) Delete

2) Drop

3) Cascade Delete

61. why the database is called Relational database

1) tables are independent

2) table related to each other

3) consists of tables, queries , reports, forms.

4) (not sure of the option)

62. Which of the following is a mandatory part in a sub program

a)header

b)declaration

c)execution

d)exception

63. can we have multiple triggers in the same table? state true/false

TRUE

64. If (a=b) where a=NULL and b=NULL. Result will be NULL-True/False

(ANS:FALSE)

NULL values cannot be compared to anything so conditions evolve to false...

65. can we copy elements in one collection to another collection state true or false:

(ANS:true)

66. create trigger triggername

before logon

.....

this trigger is of which type?

A. invalid trigger(answer)

67. One question was on how to declare number in procedure answer was as below:

n1 number :=10;

n2 number;

68. One question on finding area in which width is not declared for that..

Ans: v_width variable is not declared.

69.