(6 pages)

Reg. No. : ....

Code No. : 9922   **Sub. Code : HCAM 43**

M.C.A. (CBCS) DEGREE EXAMINATION, APRIL 2015.

Fourth Semester

Computer Application

ORACLE

(For those who joined in July 2012 onwards)

Time : Three hours   Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. You can add a row using SQL in a database with which of the following?

    (a) ADD   (b) CREATE

    (c) INSERT   (d) MAKE

2. Count function in SQL returns the number of

    (a) Values   (b) Distinct Values

    (c) Groups   (d) Columns

3. Which of the following is an advantage of view?

    (a) Data security

    (b) Derived columns

    (c) Hiding of complex queries

    (d) All of the above

4. A data manipulation command that combines the records from one or more tables is called

    (a) SELECT   (b) PROJECT

    (c) JOIN   (d) PRODUCT

5. The RDBMS terminology for a row is

    (a) Tuple   (b) Relation

    (c) Attribute   (d) Degree

6. ——————— defines the access rights provided to a user on a database object

    (a) Privileges   (b) Roles

    (c) Password   (d) All the above

7. Goals of Tuning data loads

    (a) Reduce the Workload

    (b) Balance the Workload

    (c) Parallelize the Workload

    (d) All the above

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8. Which database level is closest to the users?

   (a) External   (b) Internal

   (c) Physical   (d) Conceptual

9. PL/SQL supports datatype(s)

   (a) Scalar datatype

   (b) Composite datatype

   (c) All of the above

   (d) None of the above

10. Find the ODD one out of the following

    (a) OPEN   (b) CLOSE

    (c) INSERT   (d) FETCH

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b),
each answer should not exceed 250 words.

11. (a) Write a short note on logic operations in SQL.

    Or

    (b) What is function? Explain string functions briefly with examples.

12. (a) Explain the advantage of Views with example.

    Or

    (b) Explain "Group by" in SQL with example.

13. (a) Write a short note on Password management.

    Or

    (b) Discuss briefly about three standard roles.

14. (a) What is a Materialized view in SQL? When can Materialized views be refreshed?

    Or

    (b) Write a short note on External table.

15. (a) Explain how to handle PL/SQL exception.

    Or

    (b) Compare stored procedures and functions.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b),
each answer should not exceed 600 words.

16. (a) What are various operations applied to alter table? Explain with its syntax and example.

    Or

    (b) Explain the following :
        (i) List functions
        (ii) Transformation functions.

17. (a) What is the stability of a View? Explain "Order By", "Group by" and "Having" Clause in SQL with example.

Or

(b) Explain the following :

    (i) Natural Join

    (ii) Union

    (iii) Synonyms

    (iv) Table Spaces.

18. (a) (i) Write a note on Abstract data type.

    (ii) What are the various naming conventions for objects in SQL?

Or

(b) Discuss various privileges granted to a role with example.

19. (a) Discuss in detail about managing and tuning data loads.

Or

(b) Explain in detail about Dynamic link.

20. (a) How is Oracle used in PL/SQL? Define the features of procedures and how they are defined.

Or

(b) Discuss in detail about Triggers.

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