

(7 pages)

Reg. No. :

Code No. : 7174

Sub. Code : HCAM 43

M.C.A. (CBCS) DEGREE EXAMINATION,
APRIL 2017.

Fourth Semester

Computer Applications

ORACLE

(For those who joined in July 2012 – 2015)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. Insert, select, update, delete are _____ commands.
(a) DDL (b) DML
(c) Privilege (d) TCL
2. Commit, Rollback, Savepoint are _____ commands.
(a) DDL (b) DML
(c) Privilege (d) TCL

3. Say True or False :

In connect command, the table name must be preceded by the username of the tables owner.

- (a) True (b) False

4. _____ role for compatibility, gives users the additional rights to create their own tables, sequences, procedures, triggers, indexes and clusters.

- (a) CONNECT (b) RESOURCE
(c) DBA (d) None

5. Restriction on a trigger can be achieved using the _____ clause.

- (a) Order by (b) When
(c) Where (d) None

6. After declaring a cursor, which of the following commands to control the cursor _____.

- (a) Open (b) Fetch
(c) Close (d) All

7. The sqldr keyword _____, used name of the parameter file that contains additional load parameter specifications.

- (a) Discard Max (b) File
(c) Silent (d) Parfile

Page 2

Code No. : 7174



8. In the copy command, the option _____ used to drop the existing destination table and replaces it with a new table containing the copied data.

- (a) Append (b) Create
(c) Insert (d) Replace

9. _____ is an imaginary table.

- (a) View (b) Synonym
(c) Both (a) and (b) (d) None

10. _____ operator returns only rows that are common to both the queries.

- (a) Union (b) Union all
(c) Minus (d) Intersect

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) What is the difference between the following?

- (i) Composite key and Primary key
(ii) Foreign key and Primary key
(iii) Commit and Rollback.

Or

(b) What are the different data types available in ORACLE?

Page 3

Code No. : 7174

12. (a) Create a read only view using partitioned table.

Or

(b) How do you create a sub query? Give an example.

13. (a) What are the three standard roles in Oracle? Explain.

Or

(b) Write short note on naming conventions for objects.

14. (a) How do you create external tables? Explain its limitations and benefits.

Or

(b) What is the difference between public and private database links?

15. (a) What is the use of package? How do you create package and package body?

Or

(b) Write a syntax for PL/SQL block. Explain exception handling section in detail.

Page 4

Code No. : 7174

[P.T.O.]



PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Create a employee table with fields empname, empid, desig, dept, DOJ, sal and implement all DML commands. Show the output.

Or

- (b) Write a query for each functions :

- (i) Group value function
- (ii) Single value function
- (iii) Transformation function.

17. (a) What is the use of join command in SQL? List out and explain the different types of join statements available in SQL.

Or

- (b) With an example explain synonyms, indexes table spaces and clusters.

Page 5 Code No. : 7174

18. (a) Write queries for the following :

- (i) Move to another user with connect command.
- (ii) Grant 'Select' privilege for table name student to a username Ravi.
- (iii) Grant select and update privilege for table name student to a username Babu.
- (iv) Revoke all the privileges for the student table from the username Babu.

Or

- (b) (i) Why does the following query be failed? Write a query to rectify the following error.

Query : Delete from PROJECT where
duedate = '15-01-2016'

Error at Line 1 : ORA - 1031 :
Insufficient privileges.

- (ii) What does the below error mean? What should be done to rectify this error?

Error : ORA - 1713 : GRANT OPTION
does not exist for that privilege.

Page 6 Code No. : 7174



19. (a) What is the use of sql*plus copy command?
How do you connect remote databases? Give
a brief note on it.

Or

- (b) Write short note on materialized views.

20. (a) What is cursor? List out its types. Explain
each type with an example.

Or

- (b) What is procedure? How do you create or
replace a procedure? Create a PL/SQL block
to implement procedure.
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