

134/C

003-003310

B.C.A. (CBCS) Sem.-3 Examination

November-2013

CS-15 : RDBMS USING ORACLE (NEW)

Faculty Code : 003

Subject Code : 003310

Time : 2½ Hours]

[Total Marks : 70

- Instructions**
- (1) Q.1 contains 20 MCQ of 20 marks. Each carry one mark.
 - (2) Q.2 contains three sub questions. Q. 2 is carrying 25 marks.
 - (3) Q.3 contains three sub questions. Q. 3 is carrying 25 marks.
 - (4) Answers of Question 1 should be written on the same answer sheet.

1. Answer the following M.C.Q. :

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- (1) _____ is the standard language to work with data base.
(a) Higher level language (b) AI based language
(c) Structure query language (d) Lower level language
- (2) Normalization is used for _____.
(a) data protection (b) minimize data redundancy
(c) data distribution (d) None of the above
- (3) The query is processed by _____.
(a) Client (b) Network
(c) Server (d) All of the above
- (4) The IN operator returns TRUE when
(a) All value match (b) No value match
(c) Any value match (d) More than one value match
- (5) Using which function date can be displayed in different format ?
(a) Format (b) Date format
(c) To-char (d) To-date
- (6) View object is also known as
(a) Stored table (b) Stored object
(c) Stored query (d) Stored procedure

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- (7) Which of the following is optional parameter of sequence ?
(a) Increment by (b) Max. value
(c) Min. value (d) All of the above
- (8) Using _____ duplicate object of any object can be created.
(a) Table (b) Synonym
(c) View (d) None of the above
- (9) Which parameter of sequence cannot redefined once sequence is created ?
(a) Max. Value (b) Min. Value
(c) Cycle (d) Increment by
- (10) Collection of privileges known as _____.
(a) Role (b) Collection
(c) Collected privileges (d) Above all
- (11) Which command use to start Oracle Instance ?
(a) Connect internal
(b) Startup mount
(c) Carrval
(d) None of the above
- (12) A stored procedure created with the _____ option is used as a stored procedure filter and only executed during replication.
(a) For Replication (b) SQL statement
(c) Output (d) None of the above
- (13) Which of the following SQL functions can operate on any data type ?
(a) To-char (b) Lower
(c) NUL (d) Sum
- (14) How many steps are performed for hot backup ?
(a) 1 (b) 5
(c) 6 (d) 7
- (15) Which command is auto committed ?
(a) DML (b) DCL
(c) DDL (d) All of the above
- (16) The part of physical layer is
(a) Control files (b) SMON
(c) SGA (d) Buffer Cache

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- (17) The database name is stored in
 (a) Redo log file (b) Data file
 (c) Rollback segment (d) Control file
- (18) Which file is not created by SQL * loader ?
 (a) Bad file (b) Discard file
 (c) tmp file (d) log file
- (19) The current active transactions are roll back in
 (a) SHUTDOWN ABORT
 (b) SHUTDOWN IMMEDIATE
 (c) SHUTDOWN NORMAL
 (d) None
- (20) Which type of index should be used on a fact table ?
 (a) a binary index (b) a bitmap index
 (c) a metadata index (d) a database schema index

2. (a) Write the answer of the following in detail : (any **three**) **6**

- (1) Give the difference between DBMS and RDBMS.
- (2) Give the difference between SQL and SQL * PLUS.
- (3) Explain the use of join.
- (4) Explain trunk and round function.
- (5) Explain basic data type in SQL.
- (6) Explain IN and BETWEEN Operator.

(b) Write the answer of the following in detail (any **three**) : **9**

- (1) Explain VIEW in detail.
- (2) Explain INDEX in detail.
- (3) Give difference between procedure and function.
- (4) Explain different type of backup in detail.
- (5) Explain Grant and Revoke Command.
- (6) Explain Memory Structure of Instance Architecture.

(c) Write the answer of the following in details : (any **two**) **10**

- (1) Explain Net 8 in detail.
- (2) Explain tablespace in detail.

- (3) Explain store procedure with example.
- (4) Explain trigger with example.
- (5) Explain SQL * loader with example.

3. (a) Write the answer of the following in detail : (any **three**) **6**

- (1) Explain Snapshot.
- (2) Explain Cluster.
- (3) Explain Transaction.
- (4) Explain two aggregate function with syntax.
- (5) Explain Listener.
- (6) Explain dispatcher.

(b) Write the answer of the following in detail : (any **three**) **9**

- (1) Explain SELECT statement with GROUP BY and ORDER BY with example.
- (2) Explain Cursor in detail.
- (3) Explain data file in detail.
- (4) Explain Oracle block in detail.
- (5) Explain control files in detail.
- (6) Explain three character function with syntax.

(c) Write the answer of the following in detail : (any **two**) **10**

- (1) Explain locks in detail and locking issue.
- (2) Explain lock types.
- (3) Explain PL/SQL block structure.
- (4) Explain exception handling in PL/SQL.
- (5) Write note on Rollback segment.