

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.