

B.Sc.(IT) Semester - 3 (CBCS) Examination
Oct/Nov - 2024 (As Per Syllabus Year June-2017)
CS-15 RDBMS USING ORACLE(CORE)

Time: 2:30 Hours**Marks:70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Que.1(A) Answer the following questions. (All four) (04)
1. Give Full Form: SQL
 2. Give Full Form: RDBMS
 3. Normalization is useful in RDBMS. True or False?
 4. Explain shortly: Operator
- Que.1(B) Answer the following question. (Any one) (02)
1. Explain: Normalization.
 2. Give differentiate: SQL V/s. SQL *Plus
- Que.1(C) Answer the following question. (Any one) (03)
1. Explain: E-R diagram.
 2. Explain basic data types in SQL
- Que.1(D) Answer the following question. (Any one) (05)
1. Give differentiate: DBMS V/s. RDBMS
 2. Explain E.F. Codd rules in details.
- Que.2(A) Answer the following questions. (All four) (04)
1. A query within query is known as.....
 2. In SQL, command is used to change the structure of table.
 3. Give Full Form: DML
 4. Write down syntax of DISTINCT command.
- Que.2(B) Answer the following question. (Any one) (02)
1. Explain Grant & Revoke.
 2. Explain Like operator.
- Que.2(C) Answer the following question. (Any one) (03)
1. Explain Create command with example.
 2. Explain Select command with example.
- Que.2(D) Answer the following question. (Any one) (05)
1. What is Join? Explain their type.
 2. Explain Commit, Rollback and Save Point in details.
- Que.3(A) Answer the following questions. (All four) (04)
1. What is Snapshot?
 2. What is Blocking?
 3. Explain shortly: Deadlock
 4. Explain shortly: Sequence
- Que.3(B) Answer the following question. (Any one) (02)
1. What is view? Explain types of view in oracle.
 2. Write a short note: Database Link
- Que.3(C) Answer the following question. (Any one) (03)
1. What are Locks? Explain their mechanism.
 2. What is Sequence? Explain it's important in RDBMS.
- Que.3(D) Answer the following question. (Any one) (05)
1. Explain Synonyms in details.
 2. What is Cluster? How it is useful in distributed database environment system.

- Que.4(A) Answer the following questions. (All four) (04)
1. Give Full Form: PL/SQL
 2. Define: Exception Handling
 3. Cursor is opened and managed by Oracle Engine internally.
 4. SQL%ISOPEN attribute is always return true value. Is this statement True or false?
- Que.4(B) Answer the following question. (Any one) (02)
1. Explain for loop in PL/SQL.
 2. Explain if statement in PL/SQL.
- Que.4(C) Answer the following question. (Any one) (03)
1. Give Difference: Implicit Cursor & Explicit Cursor.
 2. Explain Nested table shortly.
- Que.4(D) Answer the following question. (Any one) (05)
1. What is Trigger? Explain it with example.
 2. What is Package? Explain it with example.
- Que.5(A) Answer the following questions. (All four) (04)
1. Give Full Form: PGA
 2. Give Full Form: LGWR
 3. Define: Redo Log file
 4. Define: Tablespace
- Que.5(B) Answer the following question. (Any one) (02)
1. How to create database in Oracle? Explain it.
 2. What is Oracle Block?
- Que.5(C) Answer the following question. (Any one) (03)
1. Explain “Import” utility available in Oracle.
 2. Explain “Export” utility available in Oracle.
- Que.5(D) Answer the following question. (Any one) (05)
1. Explain Oracle Instance Architecture.
 2. Explain SQL * Loader.
