

B.C.A Semester - 3 (CBCS) Examination
Oct/Nov - 2022 (OLD COURSE)
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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- Q.1(A) Answer the following question. (04)
1. Full form of DBMS is ____.
 2. Full form of RDBMS is ____.
 3. Full form of SQL is ____.
 4. Full form of E. R. is ____ Diagram.
- Q.1(B) Attempt any one. (02)
1. Define: Normalization
 2. Define: Importance of E. R. Diagram
- Q.1(C) Attempt any one. (03)
1. Explain: Basic datatype in SQL
 2. Differentiate: SQL Vs SQL * Plus
- Q.1(D) Attempt any one. (05)
1. Explain in detail: DBMS Vs RDBMS
 2. Explain in detail: Dr. E.F. Code Rules.
- Q.2(A) Answer the following question. (04)
1. Full form of DML is ____
 2. Full form of DDL is ____
 3. Define: What is Transaction?
 4. Define: What is Rollback?
- Q.2(B) Attempt any one. (02)
1. Explain: substr() and round()
 2. Explain: add_months() and count()
- Q.2(C) Attempt any one. (03)
1. Explain: Grant and Revoke
 2. Explain: Group by, having and order by clause
- Q.2(D) Attempt any one. (05)
1. Explain in detail: Join and various types of Join
 2. Explain in detail: Subquery and various types of Subquery
- Q.3(A) Answer the following question. (04)
1. Define: What is View?
 2. Define: What is Lock?
 3. Define: What is Cluster?
 4. Define: What is Snapshot?
- Q.3(B) Attempt any one. (02)
1. Explain: Synonym and Sequence
 2. Explain: Deadlock and Blocking

- Q.3(C) Attempt any one. (03)
1. Explain in detail: Snapshot
 2. Explain in detail: Cluster
- Q.3(D) Attempt any one. (05)
1. Explain: Index and its types
 2. Explain: Locking and its types
- Q.4(A) Answer the following question. (04)
1. Full form of VARRAY is ____
 2. Define: What is Package?
 3. Define: What is Trigger?
 4. Define: What is Cursor?
- Q.4(B) Attempt any one. (02)
1. Explain: Exception Handling
 2. Explain: Procedure
- Q.4(C) Attempt any one. (03)
1. Differentiate: Implicit Vs Explicit Cursor
 2. Explain: %TYPE and %ROWTYPE
- Q.4(D) Attempt any one. (05)
1. Explain in detail: Trigger and its types
 2. Explain in detail: Nested table and Package
- Q.5(A) Answer the following question. (04)
1. Full form of PGA is ____
 2. Full form of LGWR is ____
 3. Full form of PMON is ____
 4. Full form of SMON is ____
- Q.5(B) Attempt any one. (02)
1. Explain: Import and Export
 2. Explain: Tablespace
- Q.5(C) Attempt any one. (03)
1. Explain: SQL * Loader
 2. Explain: Data File and Log File
- Q.5(D) Attempt any one. (05)
1. Explain in detail: Oracle Instance Architecture
 2. Explain in detail: Oracle Scheduler
