

B.C.A Semester - 3 (CBCS) Examination
Oct/Nov - 2025 [New Course]
RDBMS Using Oracle (10 G)(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 (03)
1. Write down full form of RDBMS.
 2. Write down full form of DBMS.
 3. Write down full form of SQL.
- Que.1 (B) Answer the following questions (ANY TWO) (06)
1. Explain normalization in brief.
 2. Explain relations between Entities.
 3. Explain differences between SQL and SQL*PLUS.
 4. Explain any 3 E.F. Codd rules.
- Que.1 (C) Answer the following questions (ANY ONE) (05)
1. Explain E.R. Diagram in detail.
 2. Write down differences between DBMS and RDBMS.
- Que.2 (A) Answer the following questions (03)
1. Write down full form of DML.
 2. Write down full form of DDL.
 3. Write down constraint name which define referential integrity.
- Que.2 (B) Answer the following questions (ANY TWO) (06)
1. Explain any 3 numeric functions.
 2. Explain DML commands in brief.
 3. Explain any 3 character functions.
 4. Explain self-join with suitable example.
- Que.2 (C) Answer the following questions (ANY ONE) (05)
1. Explain COMMIT, ROLLBACK and SAVEPOINT.
 2. Explain JOIN with its type.
- Que.3 (A) Answer the following questions (03)
1. What is View?
 2. What is Sequence?
 3. What is Deadlock?
- Que.3 (B) Answer the following questions (ANY TWO) (06)
1. Explain sequence with suitable example.
 2. Explain database link.
 3. Explain snapshot in brief.
 4. Explain level of Locks in brief.
- Que.3 (C) Answer the following questions (ANY ONE) (05)
1. Explain View and their types.
 2. Explain Oracle Database Files.

- Que.4 (A) Answer the following questions (03)
1. Write down full form of PL/SQL.
 2. What is the use of %TYPE?
 3. What is the use of %ROWTYPE?
- Que.4 (B) Answer the following questions (ANY TWO) (06)
1. Explain procedure in PL/SQL.
 2. Explain function in PL/SQL.
 3. Explain any one conditional statement with suitable example.
 4. Explain any one looping statement with suitable example.
- Que.4 (C) Answer the following questions (ANY ONE) (05)
1. Explain structure of PL/SQL block with suitable example.
 2. Explain cursor in Oracle with its type.
- Que.5 (A) Answer the following questions (03)
1. Write down full form of SGA.
 2. Define Redo Log file.
 3. Define Control file.
- Que.5 (B) Answer the following questions (ANY TWO) (06)
1. What is control file? explain its purpose.
 2. Write a short note on creating and altering a database.
 3. Explain SQL*Loader in brief.
 4. What is Redo log file? Explain its importance.
- Que.5 (C) Answer the following questions (ANY ONE) (05)
1. Explain Oracle instance architecture.
 2. Explain types of Tablespaces in Oracle.
