

P.G.D.C.A Semester - 2 (CBCS) Examination
March/April – 2026 (As Per Syllabus Year-2023)
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 following Question (04)
- (1) Give full form of RDBMS.
 - (2) _____ language is used to manage and manipulate databases.
 - (3) Which data type is used to store text in SQL?
 - (4) _____ is the process of organizing data to reduce redundancy and improve consistency.
- Que.1(B) Answer Any Two (10)
- (1) Explain Dr. E. F. Codd Rules.
 - (2) Write short note on Normalization.
 - (3) Explain Data types in SQL.
 - (4) What is SQL *Plus? Explain SQL *Plus Formatting commands.
- Que.2(A) Answer following Questions (04)
- (1) Which command is used to modify an existing table structure?
 - (2) Which aggregate function is used to count the number of rows in table?
 - (3) Which command is used to remove privileges from a user?
 - (4) Which command is used to undo changes in a transaction?
- Que.2(B) Answer Any Two (10)
- (1) Explain character functions with example.
 - (2) Explain SELECT Statement with example and all options.
 - (3) What is transaction? Explain starting and ending of transaction.
 - (4) Explain commit, rollback and savepoint with example.
- Que.3(A) Answer following Questions (04)
- (1) A _____ is a virtual table based on query result.
 - (2) A _____ s used to access data from another database.
 - (3) What is Cold Backup?
 - (4) What is function of Dispatcher in NET 8?
- Que.3(B) Answer Any Two (10)
- (1) Explain View and Sequence with example.
 - (2) Explain snapshot and Database Link with example.
 - (3) Write short note on Types of Backup.
 - (4) What is NET 8? Explain its feature. Explain Listener and Dispatcher.
- Que.4(A) Answer following Questions (04)
- (1) What are the three sections of a PL/SQL block?
 - (2) Which symbol is used to declare a record with the same structure as a table row?
 - (3) What is procedure in PL/ SQL?
 - (4) List out the name of collectins in PL/SQL.

Que.4(B) Answer Any Two (10)

- (1) State difference between SQL and PL/SQL. Explain PL/SQL block structure.
- (2) What is cursor? Explain its type with example.
- (3) Explain how to create procedure and function?
- (4) Write short note on Triggers.

Que.5(A) Answer following Questions (04)

- (1) Give full form of SGA.
- (2) Which command is used to create a new database?
- (3) What is use of control files?
- (4) What is an Oracle Block?

Que.5(B) Answer Any Two (10)

- (1) Write short note on Instance Architecture.
- (2) Explain Database : how to create, alter, open & shutdown.
- (3) Explain Tablespace & RollBack segment.
- (4) Explain import, export and SQL *Loader.
