

P.G.D.C.A Semester - 2 (CBCS) Examination
March/April – 2025 (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.

-
- | | | |
|---------|---|------|
| Q-1 (A) | Answer the following questions | (04) |
| | <ol style="list-style-type: none">1) BCNF stand for _____2) Which SQL command is used to modify existing data in a table?3) RDBMS stand for _____4) Full form of DML _____ | |
| Q-1 (B) | Answer the following questions (ANY TWO) | (10) |
| | <ol style="list-style-type: none">1) Give the difference between DBMS & RDBMS.2) What are SQL datatypes? Explain in short.3) What is DBMS? Explain in detail.4) Explain Dr.E.F. Codd's Rules for RDBMS. | |
| Q-2 (A) | Answer the following questions | (04) |
| | <ol style="list-style-type: none">1) Which command is used to display table's structure?2) Operator is used for pattern searching with select query.3) A query within query is called _____4) Which command is used to change structure of table? | |
| Q-2 (B) | Answer the following questions (ANY TWO) | (10) |
| | <ol style="list-style-type: none">1) What is Constraints? Explain primary key constraint with its features.2) Explain GROUP BY and HAVING clause with example.3) Explain numeric built-in functions (ceil, exp, floor, abs, greatest).4) What is Join? Explain types of Joins in detail | |
| Q-3 (A) | Answer the following questions | (04) |
| | <ol style="list-style-type: none">1) What is Synonyms?2) What is snapshot?3) Data files are the operating system files that store the data within the database.(True/ False)4) Define a sequence. | |
| Q-3 (B) | Answer the following questions (ANY TWO) | (10) |
| | <ol style="list-style-type: none">1) What is Cluster? How cluster is useful in distributed database environment..2) Explain Data file and Control file.3) What is an Index? Explain types of Indexes available in SQL.4) What is View? Explain types of View with example. | |
| Q-4 (A) | Answer the following questions | (04) |
| | <ol style="list-style-type: none">1) Function must be return value. True/False.2) PL/SQL stands for _____3) _____ Cursor is opened and managed by the oracle engine internally.4) What is %ROWTYPE? | |
| Q-4 (B) | Answer the following questions (ANY TWO) | (10) |
| | <ol style="list-style-type: none">1) Differentiate SQL V/S PL/SQL.2) Explain PL/SQL block structure.3) What is varrays? Explain it.4) What is CURSOR? Explain types of cursor. | |
| Q-5(A) | Answer the following questions | (04) |
| | <ol style="list-style-type: none">1) PGA stands for _____.2) SMON stands for _____.3) LGWR stands for _____.4) CKPT stand for _____. | |
| Q-5(B) | Answer the following questions (ANY TWO) | (10) |
| | <ol style="list-style-type: none">1) Explain Memory Structure.2) Write a note on Tablespace.3) Explain Import, Export utilities on oracle.4) Write note on: Oracle Instance Architecture. | |
