

P.G.D.C.A Semester - 2 (CBCS) Examination
March/April -2019 (NEW COURSE)
RDBMS Using Oracle(CORE)

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

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

1. Attempt the following: (3)
 1. Write the full form of SQL
 2. Which data type is used to store binary images ?
 3. How many anomalies occur when the database is not normalized ?
2. Attempt any two: (6)
 1. List various SQL data types. Explain any one.
 2. Write main features of RDBMS.
 3. List various SQL * Plus formatting commands.
3. Attempt any one: (5)
 1. What is normalization ? Give a brief outline with example.
 2. List various SQL operators. Explain any one
4. Attempt the following: (3)
 1. Which function is used to obtain the absolute number ?
 2. With in which clause of a query, a sub query can be embedded ?
 3. How many constraints can be created in Oracle data base ?
5. Attempt any two: (6)
 1. What is Transaction ? Explain in brief
 2. Explain the Grant statement with example.
 3. List various aggregate functions. Explain any one with example.
6. Attempt any one: (5)
 1. List various joins. Explain any one.
 2. Write a Query to find the second highest salary of employee.
7. Attempt the following: (3)
 1. _____ is a virtual table, which does not exist.
 2. What is index ?
 3. An auto number field containing a number sequence can be created using _____

1. Explain : Oracle Listener
 2. Explain: Data base Links.
 3. What is Dispatcher ? Explain what does it do.
1. Explain various Net 8 features.
 2. List various types of backup. Explain any one in detail.
1. % ROWTYPE represents a _____ in data base table.
 2. What is VARRAY
 3. What is PL/SQL procedure ?
1. Write in brief : types of cursors
 2. Explain PL/SQL LOOP statement with example
 3. Write short note on: ORACLE package.
1. Create a user-defined exception, which raises an invalid_IN exception, when the user enters wrong invoice Number. Display the message “your invoice Number is invalid”
 2. Create a trigger which is activated before the record is inserted in a table. The trigger should validate the range 0 to 100. If the entered value for amount is negative, it should be reset to zero. In case if the amount is more than 100, it should be reset to 100.
1. A _____ is the smallest unit of data used by a data base.
 2. What is a redo log ?
 3. What is SQL Loader ?
1. What is the difference between data base and table space ?
 2. What is Export Utility ? Explain in brief
 3. What are control files ? Explain its uses
1. What is Rollback Segment ? Explain With example.
 2. Explain in brief the basic structural architecture of Oracle data base instance.
