



BBF-003-002201

Seat No. _____

P. G. D. C. A. (Sem. II) (Non-CBCS) Examination

July - 2021

CS-07 : RDBMS Using ORACLE

(Old Course)

Faculty Code : 003

Subject Code : 002201

Time : 3 Hours]

[Total Marks : 100

- 1** Attempt any Four : **20**
- (1) Write Characteristics of RDBMS.
 - (2) Explain E- R Diagram and Types of Relationship.
 - (3) Explain Oracle as a RDBMS.
 - (4) Explain Following Terms: Data, Database, Table, Record and Field.
 - (5) Difference between DBMS V/s RDBMS.
- 2** Attempt any Four : **20**
- (1) Explain GROUPLY, HAVING Clause with a suitable Example.
 - (2) Explain Import and Export Command with parameters.
 - (3) Explain GRANT, REVOKE Statement.
 - (4) Explain Cluster in Brief.
 - (5) Write a code to append new record and delete any record in database. (table="student")
- 3** Attempt any Four : **20**
- (1) Explain Following Constraints: Primary Key, Foreign Key, Check and Not Null.
 - (2) Explain Types of Join with Example.
 - (3) Explain Following Functions: Extract, Substr, Translate and to_date.
 - (4) Explain Trigger with Example.
 - (5) Explain Procedure with Example.

- 4 Attempt any Four : 20
- (1) Explain Cursor with Example.
 - (2) Explain DML Statement with Example.
 - (3) Explain Commit and Save Point Statement.
 - (4) Write a PL/SQL block that generates a Fibonacci Series.
 - (5) Write a program to input a no and check that number is Armstrong no or not.
- 5 Attempt any Four : 20
- (1) Explain SEQUENCE with Suitable Example.
 - (2) Difference between SQL V/s SQL* PLUS.
 - (3) Explain View in details.
 - (4) Consider a student table having fields like seat_no,name and mark. Develop a trigger on the table for insert or update any record and name should be display into uppercase.
 - (5) Table: Employee
Emp_no (Prmiary Key), Emp_name, city, job, sal, dept_no
Display Department wise average salary.
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