



Seat No. _____

FO-003-2033003

**B. C. A. (Sem. III) (CBCS)
(W.E.F. 2019) Examination**

November - 2022

CS-15 : RDBMS Using Oracle

Faculty Code : 003

Subject Code : 2033003

033372



Time : $2\frac{1}{2}$ Hours / Total Marks : 70

- 1 (a) Objective type questions : 4
- (i) Full form of SQL is _____.
 - (ii) Full form of RDBMS is _____.
 - (iii) Full form of DDL is _____.
 - (iv) Full form of DML is _____.
- (b) Answer in brief : (any one) 2
- (i) Difference between DBMS v/s. RDBMS.
 - (ii) Difference between SQL v/s SQL*Plus
- (c) Answer in detail : (any one) 3
- (i) Write a note on Normalization.
 - (ii) Explain SQL commands in detail.
- (d) Write a note : (any one) 5
- (i) Explain DR. E.F. Codd's rules for RDBMS.
 - (ii) Explain various data types available in SQL.
- 2 (a) Objective type questions : 4
- (i) Query within a Query is known as _____.
 - (ii) _____ command is used to insert data into the table.
 - (iii) Join in combine the data from two or more tables. (True/False)
 - (iv) DELETE table command cannot be rollback (True/False)

- (b) Answer in brief : (any one) 2
- (i) Explain COMMIT and ROLLBACK.
- (ii) Explain GRANT and REVOKE commands.
- (c) Answer in detail : (any one) 3
- (i) Explain Having and Group By Clause.
- (ii) Explain Any three Aggregate Function.
- (d) Write a note on : (any one) 5
- (i) Explain Data Constraints in detail.
- (ii) What is Join ? Explain different types of joins.
- 3 (a) Objective type questions : 4
- (i) What is VIEW ?
- (ii) _____ is a read only copy of table.
- (iii) Sequence is used to generate an auto number field. (True/False)
- (iv) Lock types are _____.
- (b) Answer in brief : (any one) 2
- (i) Explain snapshot.
- (ii) Explain Cluster.
- (c) Answer in detail : (any one) 3
- (i) Explain Index in detail.
- (ii) Write a note on sequence.
- (d) Write a note : (any one) 5
- (i) What is Locks ? Explain different types of locks.
- (ii) What is VIEW ? Explain different types of VIEW.
- 4 (a) Objective type questions : 4
- (i) Full form of PL./SQL is _____
- (ii) Cursor is a _____ work area.
- (iii) Comments are written part of program but not executed. (True/False)
- (iv) _____ Trigger is fires each time a row in the table is affected.

- (b) Answer in brief : (any one) 2
(i) Explain PL/SQL block structure.
(ii) Write a note on procedure.
- (c) Answer in detail : (any one) 3
(i) Explain %TYPE and %ROWTYPE.
(ii) Explain Varray and Nested Table.
- (d) Write a note : (any one) 5
(i) Explain different loops in PL/SQL.
(ii) Explain Trigger in detail.
- 5 (a) Objective type questions : 4
(i) Full form of RBS is _____
(ii) Full form of PGA is _____.
(iii) Full form of LGWR is _____.
(iv) Full form of SMON is _____.
- (b) Answer in brief : (any one) 2
(i) Explain Control file.
(ii) Explain Redo Log file.
- (c) Answer in detail : (any one) 3
(i) Explain Import and Export in detail.
(ii) Explain Table space.
- (d) Write a note : (any one) 5
(i) Explain Creating and Altering Database in detail.
(ii) Write a note on SQL Loader in detail.
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