



Seat No. _____

HAL-003-1033003

B. C. A. (Sem. III) (CBCS)

(W.E.F. 2016) Examination

June - 2023

CS-15 : RDBMS Using Oracle

Faculty Code : 003

Subject Code : 1033003

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

- 1 (a) Objective type questions : 4
- (1) Full form of RDBMS is _____.
 - (2) Full form of SQL is _____.
 - (3) Full form of DCL is _____.
 - (4) The Query is processed by _____.
- (b) Answer in brief : (any one) 2
- (1) Difference between DBMS v/s RDBMS.
 - (2) Write a note on Normalization.
- (c) Answer in detail : (any one) 3
- (1) Difference between SQL vs SQL*plus
 - (2) Explain SQL commands in detail.
- (d) Write a note : (any one) 5
- (1) Explain Dr. E.F. Codd's rules for RDBMS.
 - (2) Explain various data types available in SQL.
- 2 (a) Objective type questions : 4
- (1) Viewing data from the user's created table _____ command used.
 - (2) _____ clause can restrict groups.
 - (3) Query within a query is known as _____.
 - (4) _____ command is used to insert data into the table.
- (b) Answer in brief : (any one) 2
- (1) What is Transaction ?
 - (2) Explain COMMIT and ROLLBACK.

- (c) Answer in detail : (any one) 3
 (1) Explain any three Numeric function.
 (2) Explain Having and Group by Clause.
- (d) Write a note : (any one) 5
 (1) Explain Data Constraints in detail.
 (2) What is Join ? Explain different types of Joins.
- 3** (a) Objective type questions : 4
 (1) _____ is an alternate name for an object.
 (2) _____ is a read only copy of table.
 (3) _____ view created without table.
 (4) _____ is a logical representation of subset of data from one or more table.
- (b) Answer in brief : (any one) 2
 (1) Explain Cluster.
 (2) Explain Synonyms.
- (c) Answer in detail : (any one) 3
 (1) Explain Index in detail.
 (2) Write a note on sequence.
- (d) Write a note : (any one) 5
 (1) What is VIEW ? Explain different types of VIEW.
 (2) What is Locks ? Explain different types of Locks.
- 4** (a) Objective type questions : 4
 (1) Full form of PL/SQL is _____
 (2) PL/SQL has a logical data type. (True/False)
 (3) While Loop is a pre-test loop (True/False)
 (4) Cursor is a Temporary Work area. (True/False)
- (b) Answer in brief : (any one) 2
 (1) Explain PL/SQL block structure.
 (2) Write a note on Package.
- (c) Answer in detail : (any one) 3
 (1) Explain %TYPE and %ROWTYPE.
 (2) Write a note on Cursor.
- (d) Write a note : (any one) 5
 (1) Explain Trigger in detail.
 (2) Explain Different Loops in PL/SQL.

- 5** (a) Objective type questions : **4**
- (1) Full form of SGA is _____.
 - (2) Full form of PMON is _____.
 - (3) Full form of RBS is _____.
 - (4) Full form of PGA is _____.
- (b) Answer in brief : (any one) **2**
- (1) Explain control file.
 - (2) Explain Data file.
- (c) Answer in detail : (any one) **3**
- (1) Explain Database Process in detail.
 - (2) Explain Tablespace in detail.
- (d) Write a note : (any one) **5**
- (1) Write a note on SQL Loader in detail.
 - (2) Explain creating and Altering Database in detail.
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