Seat No. _____

HAL-003-1043003
B. Sc. (I.T.) (Sem.-III) (CBCS)
(W.E.F. 2016) Examination
June - 2023
RDBMS Using ORACLE : CS-15

Faculty Code : 003
Subject Code : 1043003

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

1   (a)   Objective type questions :   **4**

       (1)   RDBMS stands for _____

       (2)   Who is developed by RDBMS concept ?

       (3)   What is DBMS ?

       (4)   SQL stands for _____.

   (b)   Answer in brief : (any 1 out of 2)   **2**

       (1)   What is SQL*Plus?

       (2)   What is normalization ?

   (c)   Answer in detail : (any 1 out of 2)   **3**

       (1)   Explain SQL Datatype.

       (2)   Explain RDBMS.

   (d)   Write a note on : (any 1 out of 2)   **5**

       (1)   Explain SQL-Command.

       (2)   What is SQL ? Explain SQL operator.

2   (a)   Objective type questions :   **4**

       (1)   UPPER () is converts alpha character value to _____.

       (2)   LIKE condition to perform wildcard searches of valid search ____ values.

       (3)   DROP statement is used to permanently ____ object in database.

       (4)   DCL stands for _____

(b) Answer in brief : (any 1 out of 2) 2
  (1) How to record insert in Database ?
  (2) How to create new table with example ?

(c) Answer in detail : (any 1 out of 2) 3
  (1) Explain any 2 date function.
  (2) Explain any 2 character function.

(d) Write a note on : (any 1 out of 2) 5
  (1) Explain how to new create user in oracle ?
  (2) Explain SELF join with example.

3 (a) Objective type questions : 4
  (1) What is GROUP BY ?
  (2) List of SET operator in ORACLE.
  (3) A _____ statement makes changes permanent.
  (4) ROWID is an internally generated and maintained value, which _____ identifies a record.

(b) Answer in brief : (any 1 out of 2) 2
  (1) What is sequence ?
  (2) What is cluster ?

(c) Answer in detail : (any 1 out of 2) 3
  (1) What is locks ? Explain types of locks.
  (2) What is INDEX ? Explain types of index.

(d) Write a note on : (any 1 out of 2) 5
  (1) Explain database link with detail.
  (2) Explain synonyms with detail.

4 (a) Objective type questions : 4
  (1) To display messages, the SET SERVEROUTPUT should be set to _____.
  (2) BLOB stand for _____.
  (3) What is cursor ?
  (4) PL/SQL stands for _____.

(b) Answer in brief : (any 1 out of 2)
  (1) What is VARRAY ?
  (2) What is procedure ?

(c) Answer in detail : (any 1 out of 2)   3

    (1) Explain how to write PL/SQL block structure.

    (2) Explain types of cursor.

(d) Write a note on : (any 1 out of 2)   5

    (1) Explain exception handling.

    (2) What is Package ? Explain with detail.

5 (a) Objective type questions :   4

    (1) Full form of SMON.

    (2) Full form of PGA.

    (3) PMON stands for _____.

    (4) Full form of SGA.

(b) Answer in brief: (any 1 out of 2)   2

    (1) Explain memory structure in oracle.

    (2) What is control file in oracle ?

(c) Answer in detail : (any 1 out of 2)   3

    (1) Explain server process in oracle server.

    (2) Explain oracle blocks.

(d) Write a note on : (any 1 out of 2)   5

    (1) What is tablespace ? Explain types of tablespace.

    (2) Explain init.ora file with detail.

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