B. Sc. (I.T.) (Sem. III) (CBCS) (W.I.F.-2016) Examination

October / November - 2017

CS-15 : RDBMS using Oracle

(New Course)

Faculty Code : 003

Subject Code : 1043003

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

1 (a) Answer the following :   **4**

    (1) Explain varchar data type.

    (2) Explain sql*plus.

    (3) Explain dbms.

    (4) Explain one to one relationship.

  (b) Answer in brief : (any one)   **2**

    (1) Explain operator.

    (2) Explain normalization.

  (c) Answer in brief : (any one)   **3**

    (1) Explain data types in oracle.

    (2) Explain Dr.E.F. Codd rules.

  (d) Answer in brief : (any one)   **5**

    (1) Difference between SQL and SQL*PLUS.

    (2) Explain sql*plus formatting command.

2   (a)   Answer the following :   4

         (1)   Explain alter command.

         (2)   Explain truncate command.

         (3)   Explain insert statement.

         (4)   List of SQL command.

     (b)   Answer in brief : (any one)   2

         (1)   Explain not null constrainst.

         (2)   Explain dql statement.

     (c)   Answer in brief : (any one)   3

         (1)   Explain join in detail.

         (2)   Explain select command with example.

     (d)   Answer in brief : (any one)   5

         (1)   Explain subquery with example.

         (2)   Explain any three numeric function.

3   (a)   Answer the following :   4

         (1)   Explain cluster.

         (2)   Explain snapshot.

         (3)   What is concurrency?

         (4)   Explain commit.

     (b)   Answer in brief : (any one)   2

         (1)   Explain role.

         (2)   Explain lock in detail.

(c) Answer in brief : (any one)   **3**

    (1) Explain view.

    (2) Explain sequence.

(d) Answer in brief : (any one)   **5**

    (1) Explain synonym.

    (2) Explain index in detail.

4 (a) Answer the following :   **4**

    (1) Explain %type.

    (2) Explain %row type.

    (3) Explain declare part in PL/SQL.

    (4) Explain exception part in PL/SQL.

(b) Answer in brief : (any one)   **2**

    (1) Explain PL/SQL structure.

    (2) Explain for loop.

(c) Answer in brief : (any one)   **3**

    (1) Explain abstract data type.

    (2) Explain varray.

(d) Answer in brief : (any one)   **5**

    (1) Explain cursor in detail.

    (2) Explain trigger with example.

5 (a) Answer the following :   **4**

    (1) What is rego log file ?

    (2) What is data file ?

    (3) Example control file ?

    (4) What is net 8 ?

(b)   Answer in brief : (any one)   **2**

    (1)   Explain shared pool.

    (2)   Explain sql loader.

(c)   Answer in brief : (any one)   **3**

    (1)   Explain segment, data block.

    (2)   Explain import and export.

(d)   Answer in brief : (any one)   **5**

    (1)   Explain back ground process.

    (2)   Explain table space in detail.

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