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

October / November - 2017

CS - 15 : RDBMS using Oracle

Faculty Code : 003

Subject Code : 003310

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

Instructions :

(1)   Answer for all must be written in your answer sheet.

(2)   Figures on the right indicate full marks.

1   Select the appropriate answer from the following :   **20**

1.   DQL stands for _____.

2.   Sequence may be used to generate _____ value.

3.   Explicit cursor is also known as _____.

4.   DDL stands for _____.

5.   Client is usually called _____ simple user workstation.

6.   _____ command is used to see current user name.

7.   PL/SQL stands for _____.

8.   DML stands for _____.

9.   _____ command is used to display the structure of a table.

10.   SQL command is terminated with _____.

11. RDBMS stands for _____.

12. The symbol of concatenation operator is _____.

13. The data store in the cursor memory is called the _____.

14. The last written command is store in SQL buffer and can be re-executed with _____.

15. Inner join is also called _____.

16. The sql * loader stores filtered records in _____ file.

17. _____ process performs instance recovery at instance start-up.

18. %ROWCOUNT returns _____.

19. _____ command is used to display all records.

20. _____ command is use to edit records.

2   (A)   Answer the following question : (any three)   6

(1)   What is Oracle ?

(2)   Explain create command.

(3)   Explain insert command.

(4)   Explain update command.

(5)   Explain delete command.

(6)   Explain select command.

(B)   Attempt any three :   9

(1)   Explain union clause.

(2)   Explain %type types.

(3)   Write a note on Backup.

(4) Explain substr( ) function with example.

(5) Explain subquery.

(6) Differentiate: SQL v/s PL/SQL.

(C) Attempt the following questions : (any two)   **10**

(1) Explain E. R. Diagram with Example.

(2) What is constraint? Explain I/O Constrains with example.

(3) Explain Oracle data types.

(4) List operators available in oracle and explain any four of them.

(5) Describe any five Dr. E.F. Codd"s rules.

3   (A) Answer the following questions : (Any three)   **6**

(1) What is synonym ? Explain with example.

(2) Explain any three math functions.

(3) Explain CURSOR ATTRIBUTES.

(4) Explain VIEW with appropriate example.

(5) Explain GRANT command.

(6) Explain REVOKE command.

(B) Attempt any three :   **9**

(1) Explain GROUP BY clause and HAVING clause with example.

(2) Write a short note on DATABASE LINK.

(3) Differentiate: Procedure Vs Function.

(4) Explain SEQUENCE with its all parameter and example.

(5) Explain PL/SQL BLOCK STRUCTURE.

(6) Explain trigger with example.

(C) Attempt any two :   **10**

(1) Explain CURSOR in detail with example.

(2) Explain oracle instance architecture in detail.

(3) List the types of INDEX. Explain any three of them.

(4) Write a PL/SQL BLOCK that prints even numbers between 1 to 50.

(5) Write a PL/SQL BLOCK that check given number is odd or not.

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