

B.Sc.(IT) Semester - 3 (CBCS) Examination**Oct/Nov. -2018****CS-15 RDBMS USING ORACLE(CORE)****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All questions are compulsory.
 2. Figures to the right indicate marks.
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- Q-1 (A) Attempt following questions. (04)
- (1) Entity that represents _____ symbol in E-R diagram.
 - (2) SQL stands for _____.
 - (3) _____ is the first step to design any database.
 - (4) BCNF stands for _____.
- (B) Attempt following. (Attempt any one) (02)
- (1) List out types of Relationships.
 - (2) What is Database?
- (C) Attempt following. (Attempt any one) (03)
- (1) Differentiate DBMS V/S RDBMS.
 - (2) Differentiate SQL V/S SQL *PLUS.
- (D) Attempt following. (Attempt any one) (05)
- (1) Explain different data types available in SQL.
 - (2) Explain E.F.Codd rules in detail.
- Q-2 (A) Attempt following questions. (04)
- (1) _____ Command used to display table's structure.
 - (2) To view only unique rows, _____ clause can be used with select statement.
 - (3) _____ Command is used to change the table structure.
 - (4) A query within query it is called _____.
- (B) Attempt following. (Attempt any one) (02)
- (1) What is Transaction?
 - (2) List out types of constraints available in oracle.
- (C) Attempt following. (Attempt any one) (03)
- (1) Explain primary key constraint with its features.
 - (2) Explain check and unique key constraints.
- (D) Attempt following. (Attempt any one) (05)
- (1) What is Join? Explain types of join in detail.
 - (2) Explain commit, rollback and save point in detail.
- Q-3 (A) Attempt following questions. (04)
- (1) _____ Parameter of the sequence object cannot be altered.
 - (2) _____ allows you to connect from local database to remote database.
 - (3) Every row of a table has a unique, system-generated address called _____.
 - (4) _____ is a group of privileges.
- (B) Attempt following. (Attempt any one) (02)
- (1) What is view?
 - (2) What is snapshot?
- (C) Attempt following. (Attempt any one) (03)
- (1) What is Cluster? How cluster is useful in distributed database environment?
 - (2) Explain sequence with example.

- (D) Attempt following. (Attempt any one) (05)
- (1) Explain types of locking available in oracle.
 - (2) What is index? Explain types of index maintaining in oracle.
- Q-4 (A) Attempt following questions. (04)
- (1) _____ Inbuilt exception raised when a select statement returns zero now.
 - (2) _____ Cursor is opened and managed by the oracle engine internally.
 - (3) Using _____, user execute procedure/function overloading in oracle.
 - (4) SQL%ISOPEN attribute is always return _____value.
- (B) Attempt following. (Attempt any one) (02)
- (1) List out attributes of cursor.
 - (2) What is procedure?
- (C) Attempt following. (Attempt any one) (03)
- (1) Differentiate SQL V/S PL/SQL.
 - (2) Explain PL/SQL block structure.
- (D) Attempt following. (Attempt any one) (05)
- (1) Explain package with example.
 - (2) Explain trigger with example.
- Q-5 (A) Attempt following questions. (04)
- (1) PGA stands for _____.
 - (2) _____ File store all initialization parameter in oracle.
 - (3) LGWR stands for _____.
 - (4) SMON stands for _____.
- (B) Attempt following. (Attempt any one) (02)
- (1) What is Data file?
 - (2) What is Log file?
- (C) Attempt following. (Attempt any one) (03)
- (1) Explain Import, Export utilities on oracle.
 - (2) Explain table space in detail.
- (D) Attempt following. (Attempt any one) (05)
- (1) Write note on: Oracle Instance Architecture.
 - (2) Write note on: Oracle scheduler.
