

B.Sc.(IT) Semester - 3 (CBCS) Examination
December.-2020 [OLD COURSE]
CS-15 RDBMS USING ORACLE(CORE)

Time: 1:30 Hours**Marks: 42****Instructions:**

1. Figure to the right indicate marks.
2. There are five questions in the question paper.
3. Answer any three of the following questions.

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- Q.1(A) Answer the following questions. (04)
1. What is Database?
 2. What is full form of SQL?
 3. What is full form of RDBMS?
 4. What is full maximum size of the varchar and varchar2 datatype?
- Q.1(B) Answer any one. (02)
1. Explain basic datatype in SQL.
 2. Give the difference between DBMS & RDBMS.
- Q.1(C) Answer any one. (03)
1. What is importance of E.R. Diagram in RDBMS?
 2. Differentiate SQL V/s SQL* PLUS.
- Q.1(D) Answer any one. (05)
1. Explain Normalization.
 2. Explain Dr.E.F. codd's Rules for RDBMS.
- Q.2(A) Answer the following questions. (04)
1. What does DCL Stands for?
 2. What is transaction?
 3. How many composite primary key in one table.
 4. Which command is use to modified structure of table in SQL, After a table has been created?
- Q.2(B) Answer any one. (02)
1. Explain Range Searching Operator.
 2. Explain Pattern Matching Operator.
- Q.2(C) Answer any one. (03)
1. Explain check constraint.
 2. Explain unique key constraint.
- Q.2(D) Answer any one. (05)
1. Explain Join with its types.
 2. What is subquery? Explain with its types.
- Q.3(A) Answer the following questions. (04)
1. What is index?
 2. What is view?
 3. What is sequence?
 4. What is synonym?
- Q.3(B) Answer any one. (02)
1. Explain Latches.
 2. Explain Pessimistic Locking.
- Q.3(C) Answer any one. (03)
1. Explain snapshot.
 2. Explain cluster.

- Q.3(D) Answer any one. (05)
1. Explain Blocking.
 2. Explain Database Links.
- Q.4(A) Answer the following questions. (04)
1. What is full form of PL/SQL?
 2. What is literal?
 3. How many maximum character length set in variable name in PL/SQL?
 4. What is loop?
- Q.4(B) Answer any one. (02)
1. PL/SQL Block structure.
 2. PL/SQL table & nested table.
- Q.4(C) Answer any one. (03)
1. Explain datatype of PL/SQL.
 2. What is cursor? Discuss any one type of cursor.
- Q.4(D) Answer any one. (05)
1. Define types of trigger. Explain in detail.
 2. How to define package? Explain in detail.
- Q.5(A) Answer the following questions. (04)
1. What is control file?
 2. What is Data file?
 3. What is Oracle Block?
 4. What is import?
- Q.5(B) Answer any one. (02)
1. Explain creating & altering database.
 2. Explain SQL * Loader.
- Q.5 (C) Answer any one. (03)
1. Explain Initialization parameter.
 2. Explain Rollback segment.
- Q.5(D) Answer any one. (05)
1. Explain Database Resource manager.
 2. Explain Oracle Scheduler Concepts.
