

B.Sc.(IT) Semester - 3 (CBCS) Examination
Oct/Nov - 2022 [NEW COURSE]
RDBMS using Oracle (10 G)(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) Answer the following questions. (03)

1. Give full form of TCL.
2. _____ is a language which provide communication with RDBMS.
3. A single entity of a relation is associated with a single entity of another relation is known as _____.

Q.1(B) Answer the following questions. (Any Two) (06)

1. Explain difference between DBMS and RDBMS
2. Write Normalization rule for 1NF, 2NF & 3NF.
3. Explain E-R Diagram.
4. Explain operators in SQL *Plus.

Q.1(C) Answer the following questions. (Any One) (05)

1. Write short note on Data types used in RDBMS.
2. Explain rules of E. F. Codd.

Q.2(A) Answer the following questions. (03)

1. A _____ is a logical unit of work that contains one or more SQL statements.
2. The union operation is represented by _____.
3. To cancel the privileges that were granted earlier, use _____ command.

Q.2(B) Answer the following questions. (Any Two) (06)

1. Explain Create table query with its options.
2. Explain subquery with example.
3. Explain following functions with example.
ltrim(), to_number(), months_between()
4. Explain how to create users?

Q.2(C) Answer the following questions. (Any One) (05)

1. Write short note on joins.
2. Explain select command with all options and examples.

Q.3(A) Answer the following questions. (03)

1. A _____ is a virtual table that has no records of its own.
2. An index can also created on multiple columns of a table it is called _____ index.
3. A _____ is a group of managed servers running simultaneously and working together to provide increased scalability and reliability.

- Q.3(B) Answer the following questions. (Any Two) (06)
1. What is sequence? How to create it?
 2. Explain types of files.
 3. What are database links?
 4. What is snapshot?
- Q.3(C) Answer the following questions. (Any One) (05)
1. Write short note on index and their types.
 2. Write short note on Locks.
- Q.4(A) Answer the following questions. (03)
1. A _____ is single-dimensional collections of elements with the same data type.
 2. _____ command is used to delete procedure.
 3. _____ symbole is used for single line comment in PL/SQL.
- Q.4(B) Answer the following questions. (Any Two) (06)
1. Explain %TYPE & %ROWTYPE with example.
 2. Explain PL/SQL Block structure.
 3. What is Exception?
 4. Explain Nested Tables.
- Q.4(C) Answer the following questions. (Any One) (05)
1. Write short note on Trigger.
 2. Write short note on Cursor.
- Q.5(A) Answer the following questions. (03)
1. _____ file records all changes made in database.
 2. Oracle manages the storage space in the datafiles of a database in units called _____.
 3. Full form of LGWR is _____.
- Q.5(B) Answer the following questions. (Any Two) (06)
1. Explain command to create database.
 2. Explain How to shutdown database?
 3. Explain Rollback segment.
 4. Explain import-Export
- Q.5(C) Answer the following questions. (Any One) (05)
1. Write short note on Instance Architecture.
 2. Write short note on SQL*Loader
