B.C.A Sem.-6 Examination
CC - 308
Database Administration (Old)
July 2021

Time : 2-00 Hours]   [Max. Marks : 50

Instructions:
1) All questions in Section-I carry equal marks
2) Attempt any two questions in Section-I
3) Question 5 in Section-II is compulsory

SECTION-I

Q.1 (A) Explain in detail: Oracle Database Structure.   [10]

     (B) Explain: Client-server Architecture and Multi-tier Architecture.   [10]

Q.2 (A) Write a detailed note on Data files.   [10]
     (B) What is Profile in Oracle? Explain creating and dropping of Profile.   [10]

Q.3 (A) Explain: (1)B-Tree index (2) Bitmap index (3) Function-based index.   [10]
     (B) Write a detailed note on clusters.   [10]

Q.4 (A) Explain in detail : Optimizers   [10]
     (B) What is meant by data recovery? Explain the different types of recovery methods.   [10]

SECTION-II

Q.5 **Answer any 5**   [10]

1. The _____ tablespace is created when oracle database is installed.

     (a) SYSTEM   (c) SYSDBA
     (b) SYS   (d) All of above.

2. _____ is a basic logical unit that consist of rows and columns to store data.
     (a) Indexes   (c) Views
     (b) Tables   (d) All of the above

3. Who installs and upgrades Oracle database server and front-end applications tools?
     (a) Database Administrators
     (b) Application Developers
     (c) Database users
     (d) Network administrator.

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4. _____ are those files that store the data of all logical structures of the database.
    (a) Control Files
    (b) Redo log files
    (c) Data files
    (d) All of above

5. A _____ is defined as set of privileges.
    (a) Users
    (b) Profile
    (c) role
    (d) none of the above

6. An _____ is a pointer to the location of data in a table.
    (a) Index
    (b) View
    (c) Cluster
    (d) None of above

7. Coalescing is a method to free leaf blocks for reuse.
    (a) True
    (b) False

8. A _____ is the copy of data stored in the database.
    (a) Backup
    (b) Control files
    (c) Tuning
    (d) None of the above

9. _____ is the process to recover lost data
    (a) backup
    (b) tuning
    (c) Recovery
    (d) optimization

10. A cluster is a group of tables that share the same data blocks.
    (a) True
    (b) False

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