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BACHELOR OF COMPUTER APPLICATIONS (B.C.A.)
EXAMINATION : JUNE -2022
SEMESTER - IV
Sub: Oracle (BCA – 434/BCA-445)

Date : 15/06/2022

Total Marks : 60

Time: 02.00 pm to 4.30 pm

Instructions:

1. All questions are compulsory unless and otherwise stated.
 2. Bold figures to the right of every question are the maximum marks for that question.
 3. Candidates are advised to attempt questions in order.
 4. Answers written illegibly are likely to be marked zero.
 5. Use of scientific calculators, Log tables, Mollier Charts is allowed.
 6. Draw neat and labelled diagrams wherever necessary.
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Q.1. Fill in the blanks. (5)

1. Log on and log off are _____ event triggers
 - a) event
 - b) system
 - c) user
 - d) shutdown
2. Procedures can be executed by _____ command
 - a) PROC
 - b) EXEC
 - c) RUN
 - d) SQL
3. Rows of the relation are referred to as _____ of the relation.
 - a) tuples
 - b) attributes
 - c) domain
 - d) relation
4. _____ table modify a table definition
 - a) update
 - b) create
 - c) alter
 - d) select
5. _____ allows program to construct and submit SQL queries at run time
 - a) static sql
 - b) dynamic sql
 - c) subquery
 - d) run

Q.2. State True/False. (5)

1. The normal form never removes anomalies.
2. Duplication of data avoid by distinct keyword.
3. NULL indicate absence of information about the value of an attribute.
4. SQL statements are written in DECLARE section.
5. CEIL command return largest integer equal to or less than its argument.

Q.3. Answer the following. (10)

1. What is a trigger?
2. What are the various wild cards in sql?
3. State the significance of the *having* keyword in SQL.
4. What are subqueries?
5. Give difference between char and varchar.

Q. 4. Answer the following in detail. (Solve any 6) (30)

1. Describe view with example.
2. Explain DML in detail.
3. Write a note on aggregate functions.
4. What is join? Explain types of join
5. Explain the default block structure of PL/SQL.
6. Explain Sequence in detail.
7. What are conditional constructs in PL/SQL? Elaborate with an example.

Q. 5. Answer the following in detail. (Solve any 1) (10)

1. What is cursor? Explain types in detail.
 2. Explain in detail data types in SQL.
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