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SUBJECT CODE NO: - YY-2333
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (CBCGS) (Pattern 2022) S.Y. (SEM – IV)
Examination April / May - 2024
Computer Science-XII DBMS using SQL

[Time: 1:30 Hours]

[Max. Marks: 40]

Please check whether you have got the right question paper.

N. B

- 1) All questions are compulsory.
- 2) All questions carry equal marks.

- Q.1** a) What is DBMS? Explain the three schema architecture of a database? 10
- OR**
- b) What is Entity? Explain different entity types with suitable example? 05
- c) Explain the different levels of SQL statements? 05

- Q.2** a) What is Normalization? Explain the 1NF and 2NF with example? 10
- OR**
- a) Explain the Primary Key constraints with example? 05
- b) Explain the E-R diagram notations? 05

- Q.3 Write short notes (Any Two)** 10
- a) Schema
 - b) DBMS Components
 - c) Alter table statement
 - d) Relationship



- Q.4 Multiple choice questions.** 10

- (1) Key to represent relationship between tables is called _____

A. Primary key	B. Secondary key
C. Foreign key	D. None of the above
- (2) An attribute is a _____

A. Column of a table.	B. Two dimensional table.
C. Row of a table.	D. Key of a table.
- (3) Processed data is called _____

A. Raw data	B. Source
C. Information	D. Useful data
- (4) A logical schema _____

A. Is the entire database	B. Is a standard way of organizing information into accessible parts.
C. Describes how data is actually stored on disk.	D. All of the above

- (5) In an E-R diagram double line indicate that _____
A. Multiple participation B. Cardinality N
C. Total participation D. None of the above
- (6) _____ Keyword is used to find the number of values in a column.
A. TOTAL B. ADD
C. SUM D. COUNT
- (7) Which of the following keyword is used with Data Control Language (DCL) statements?
A. SELECT B. GRANT
C. INSERT D. DELETE
- (8) In existing table, ALTER TABLE statement is used to
A. Add columns B. Add constraints
C. Both A and B D. None of these
- (9) Which of the following enables us to view data from a table based on a specific criterion?
A. Form B. Query
C. Table D. Report
- (10) A _____ is used to define overall design of the database
A. Code B. Data Definition Language
C. Application program D. Schema

