Seat No.

B.C.A. (Part-I) (Semester-II) (CBCS)
Examination March/April, held in May, 2023.
CC-201: Data Base Management System
Subject Code :80868

Day and Date: Mon, 29/05/2023
Time: 11.30 a.m. to 02.30 p.m.
Instructions:

Total Marks: 70

1. Que.1 and Que.6 are compulsory
2. Attempt any three questions from Que. No.2 to Que. No. 5
3. Figures to the right indicate total marks.

Q. 1 A) Multiple Choice Questions (1 mark each)   10
1. Which of the following is not a valid aggregate function?
A) COUNT   B) SUM
C) COMPUTE   D) MAX

2. In which of the following formats in stored in the database management system?
A) Image   B) Text   C) Table   D) Graph

3. Which Schema is also known as physical schema?
A) Internal   B) Conceptual
C) External   D) None

4. What is present in server but not in client ?
A) Database   B) Application user
C) User   D) None

5. Which of the following is a function of the DBMS?
A) Storing data   B) Providing multi-user access control
C) Data Integrity   D) All of the above

6. What is information about data called?
A) Hyper data   B) Tara data   C) Meta data   D) Relations

7. A table is in 3NF if it is in 2NF and if it has no _____
A) Functional dependencies   B) Transitive Dependencies
C) Trivial Functional dependencies   D) Multivalued dependencies

8. Which of the following is not a valid SQL type?
A) FLAT
B) NUMBER
C) DECIMAL
D) CHARACTER

9. How many primary keys can have in a table?
A) Only 1
B) Only 2
C) Depends on of columns
D) Depends on DBA

10. Which of the following is not a DDL commands?
A) TRUNCATE
B) ALTER
C) CREATE
D) UPDATE

Q.1 B) Short Notes (Any 2)   10
   a. What is DFD ? Draw Library management system.
   b. Explain architecture of DBMS
   c. Explain data dictionary

Q.2 What is DBMS, Explain advantages and dis-advantages of DBMS.   10

Q.3 What is normalization ? explain example of normalization   10

Q.4 a) Explain keys in DBMS.   10
   b) Explain aggregate functions in DBMS

Q.5 a) Explain types of database system.   10
   b) What is file? Explain types of file.

Q.6 Short Notes (Any 4)   20
   a) Schema subschema   b) SQL
   c) DDL command   d) Record based model.
   e) DML command   f) Order by clause

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