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Name.....

Reg. No.....

**THIRD SEMESTER (CBCSS—UG) DEGREE EXAMINATION  
NOVEMBER 2024**

Information Technology

BIT 3B 04—DATABASE DESIGN AND RDBMS

(2019—2023 Admissions)

Time : Two Hours

Maximum : 60 Marks

**Section A (Short Answer Type Questions)***Each correct answer carries a maximum of 2 marks.**Ceiling 20 Marks.*

1. Differentiate data and information.
2. What is a primary key ?
3. What is meant by domain of an attribute ?
4. What is DDL ?
5. Write a note on aggregation.
6. What is meant by the term cardinality ?
7. What is meant by serializability ?
8. What is data dictionary ?
9. What is a Cursor ?
10. Give the syntax of any *two* aggregate functions in SQL.
11. How to update the structure of a table by adding a new attribute ?
12. Write the syntax of CREATE statement in SQL.

**Section B***Each question carries 5 marks.**Ceiling 30 Marks.*

13. Explain data independence.
14. With an example discuss the concept of functional dependency.

**Turn over**

15. What is an Attribute ? List different types of attribute with examples.
16. Explain second normal form with a suitable example.
17. What is the purpose of order by clause with an example ?
18. How does a view differ from a table ?
19. Discuss the uses of triggers with an example.

### **Section C**

*Answer any **one** question  
10 Marks .*

20. Why data base system is superior than file-based System.
21. Discuss with an example the usage of for loop in PL/SQL.