



K22U 3616

Reg. No. :

Name :

**Third Semester B.Sc. Degree (CBCSS – OBE – Regular/Supplementary/
Improvement) Examination, November 2022**

(2019 Admission Onwards)

GENERAL AWARENESS COURSE IN COMPUTER SCIENCE

3 A12 CSC : Data Base Management System

Time : 3 Hours

Max. Marks : 40

PART – A

(Short Answer)

Answer **all** questions.

(6×1=6)

1. What is a database ?
2. What is a Primary key ?
3. What is a Composite attribute ?
4. What is an Entity ?
5. What is a domain ?
6. What are Triggers ?

PART – B

(Short Essay)

Answer **any 6** questions.

(6×2=12)

7. What is DBA ?
8. What is E-R model ?
9. What is Data Dictionary ?

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10. What is BCNF ?
11. Define the terms Weak and Strong Entity sets.
12. What are the different DDL commands used in DBMS ?
13. List the table modification commands in SQL.
14. What is relational Algebra ?

PART – C

(Essay)

Answer **any 4** questions.

(4×3=12)

15. What is the purpose of DBMS ?
16. What are Data Independence and its different levels of Data Independence ?
17. What is the Hierarchical Model in DBMS ?
18. What are different types of joins in SQL ?
19. What is a functional dependency in the DBMS ?
20. Explain various relational algebra operators.

PART – D

(Long Essay)

Answer **any 2** questions.

(2×5=10)

21. What is DBMS and its advantages and disadvantages ?
 22. Explain E-R diagrams with an example.
 23. Explain various database languages.
 24. Explain the structure of relational database.
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