

D 143407

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Name.....

Reg. No.....

SECOND SEMESTER B.Voc. DEGREE EXAMINATION, APRIL 2026

Data Science and Analytics

SDC 2D S08—INTRODUCTION TO RDBMS AND SQL

(2021 Syllabus)

Time : Two Hours and a Half

Maximum : 80 Marks

Section A (Short Answer Type)*All questions can be answered.**Each question carries 2 marks (Ceiling 25 marks).*

1. Define an entity.
2. Describe about DBA.
3. Explain about weak entity set.
4. Describe granting of privileges.
5. Describe about ALTER table command.
6. Describe about while in program with SQL.
7. Explain about data abstraction.
8. Describe about data types.
9. Define cursors.
10. Describe about relational data model.
11. Describe about shared lock.
12. Describe about equality join.
13. Explain about security in database.
14. Describe about foreign key.
15. Describe about GROUP BY clause.

(Ceiling : 25 Marks)

Section B (Paragraph Type Questions)*All questions can be answered.**Each question carries 5 marks (Ceiling 35 marks).*

16. Explain about database systems and data models.
17. Explain the role of a database administrator.
18. Explain about views.
19. Differentiate delete and drop command.

Turn over

20. Describe about stored procedures.
21. Differentiate primary key and foreign key.
22. Explain about triggers.
23. Describe about advantages of DBMS.

(Ceiling : 35 Marks)

Section C (Essay Type Questions)

*Answer any **two** questions.
Each question carries 10 marks.*

24. Explain about database users.
25. Explain the commands for creation insertion, updating, deleting and dropping tables.
26. Describe about Entity Relationship (ER) model.
27. Explain about SELECT command, logical operators and pattern matching.

(2 × 10 = 20 marks)