

C 3560

(Pages : 2)

Name.....

Reg. No.....

**FOURTH SEMESTER (CBCSS—UG) DEGREE EXAMINATION
APRIL 2021**

Microbiology

MBG 4C 09—C-LANGUAGE, DATABASE MANAGEMENT SYSTEM AND SQL

Time : Two Hours

Maximum : 60 Marks

Section A (Short Answer)

Answer at least eight questions.

Each question carries 3 marks.

All questions can be attended.

Overall Ceiling 24.

1. Discuss Arithmetic Expression.
2. Write the general syntax of assigning values to a variable.
3. What is operator precedence ?
4. How will you declare a multidimensional array ?
5. What is the use of typedef statements ?
6. Explain any two data models.
7. How will you insert a record into the relation ?
8. What are weak entity sets ?
9. Define Foreign key.
10. What is a Query ?
11. Define DDL.
12. Write the role of DBA.

(8 × 3 = 24 marks)

Turn over

Section B (Paragraph)

Answer at least five questions.

Each question carries 5 marks.

All questions can be attended.

Overall Ceiling 25.

13. Write an algorithm to find the largest among three numbers.
14. Write a note on break and continue statements.
15. How will you declare and initialize an array ? Explain with an example.
16. What is type casting ? Explain with an example.
17. Write a note on transaction management.
18. Write the design issues in ER model.
19. What are aggregate functions ? Explain its significance with suitable examples.

(5 × 5 = 25 marks)

Section C (Essay)

Answer any one question.

The question carries 11 marks.

20. Discuss various relational algebra operations in detail.
21. Compare and contrast while and do..while loops in detail.

(1 × 11 = 11 marks)

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