

C 43162

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Name.....

Reg. No.....

**SECOND SEMESTER (CBCSS—UG) DEGREE EXAMINATION  
APRIL 2023**

Computer Science

BCS 2C 02—FUNDAMENTALS OF SYSTEM SOFTWARE, NETWORK AND DBMS  
(2019—2022 Admissions)

Time : Two Hours

Maximum : 60 Marks

**Section A (Short Answer Type Questions)**

*Answer all questions, each correct answer carries a maximum of 2 marks.  
Ceiling 20 marks.*

1. Define machine language.
2. Define Software.
3. What is operating system ?
4. Explain microwave communication media.
5. What is a MAN network ?
6. What is mean by data communication?
7. Define DDL.
8. List various data model in DBMS.
9. What is relational model in DBMS ?
10. Write the syntax of SQL create table command.
11. What is the use of HTTP protocol?
12. Write any *four* attributes of <img> tag.

**Section B (Short Essay Type Questions)**

*Answer all questions, each correct answer carries a maximum of 5 marks.  
Ceiling 30 marks.*

13. Explain about different types of operating system.
14. Write a note on twisted pair and coaxial cable.

**Turn over**

15. What are the goals networking ?
16. Explain about network topologies.
17. Explain the advantage of DBMS.
18. Write the syntax of update query and explain its function.
19. Write different heading tags.

**Section C (Essay Type Questions)**

*Answer any **one** question, correct answer carries 10 marks.*

20. Explain the terms : a) Compiler ; b) Interpreter ; and c) Assembler.
21. What are the listing tags in HTML ? Explain different types of listing with example.

(1 × 10 = 10 marks)