C 22065 (Pages : 2) Name..

Reg. No.....................................

SECOND SEMESTER (CBCSS—UG) DEGREE EXAMINATION APRIL 2022

Computer Science

BCS 2C 02—FUNDAMENTALS OF SYSTEM SOFTWARE, NETWORK AND DBMS

(2021 Admissions)

Time : Two Hours Maximum : 60 Marks

Section A (Short Answer Type Questions)

Answer at least **eight** *questions.*
Each question carries 3 *marks.*
All questions can be attended.
Overall Ceiling 24.

1. What is Compiler ?

2. Define Software.

3. Define Loader.

4. Explain about WAN.

5. What are the responsibilities of data link layer ?

6. What are attributes in DBMS ?

7. Define the term DML.

8. Define Tuple.

9. What is Database ?

10. Write the format of html program.

11. How insert an image in html page.

12. What is WWW ?

(8 × 3 = 24 marks)

Turn over

Section B (Short Essay Type Questions)

*Answer at least **five** questions.*
Each question carries 5 marks.
All questions can be attended.
Overall Ceiling 25.

13. What are the characteristics of a computer ?

14. Explain multiprogramming and real time operating system.

15. Explain the different topologies of the network.

16. What is a data model in DBMS ? List the types of data model used.

17. What are the advantages of database ?

18. Write a note on different types of html elements.

19. Write a note on physical style tags in html.

$(5 \times 5 = 25 \text{ marks})$

Section C (Essay Type Questions)

*Answer any **one** question.*
The question carries 11 marks.

20. Write a note on guided and unguided communication media.

21. What is SQL ? Explain the following commands with examples :

    a) Create ;

    b) Insert ;

    c) Select ;

    d) Update ; and

    e) Alter.

$(1 \times 11 = 11 \text{ marks})$