C 23853 (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

(2019—2020 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. What is an object code ?

2. What do you mean by a single user operating system ?

3. What is WAN ? What are its features ?

4. Explain an interpreter.

5. What is the use of GROUP BY and HAVING clause in SQL ?

6. What do you mean by one to one relationship ?

7. What is the purpose of DELETE statement ? Give example.

8. What is the use of NOT NULL ? Give an example.

9. Explain the relational model in DBMS.

10. What are the advantages of high level languages ?

11. What are the functions of data link layer ?

12. Define hypertext and hypermedia.

Section B (Short Essay Type Questions)

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

13. Explain the formatting tags used for bold, italics and underlined text with examples.

14. Explain anchor tags in HTML with example.

Turn over

15. Explain the concept of tables in HTML with example program.

16. Explain the features of time sharing operating system.

17. Explain the goals of networking.

18. Explain the purpose of ALTER command with example.

19. Explain nested queries in SQL with example.

Section C (Essay Type Questions)

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

20. Explain with a diagram, the OSI model in computer networks.

21. Explain HTML document structure with an example.

(1 × 10 = 10 marks)