C 4364 (Pages : 2) Name..

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

SECOND SEMESTER (CBCSS—UG) DEGREE EXAMINATION, APRIL 2021

Computer Science

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

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 assembly language ?

2. What are high level languages ? List any two commonly used high level languages.

3. What is system software ?

4. What is a topology ?

5. What is the OSI model ? List its layers.

6. Explain Fiber Optic Cables with its advantages.

7. Define DBMS.

8. What are attributes in dbms ?

9. Define primary key.

10. Write syntax of create command in SQL with example.

11. What are the heading tags in html ?

12. What is HTML ?

(8 × 3 = 24 marks)

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 is the difference between compiler and interpreter ?

14. Explain unguided communication media.

15. Explain LAN, MAN, WAN.

Turn over

16. Differentiate delete and drop command in SQL.

17. Explain structure of a database.

18. Write a note on different lists in html.

19. How insert an image in webpage using html tag ?

(5 × 5 = 25 marks)

Section C (Essay Type Questions)

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

20. What is operating system ? Briefly explain functions and types of operating system.

21. Write a note on different data models in dbms.

(1 × 11 = 11 marks)