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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?

 $(8 \times 3 = 24 \text{ marks})$

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.

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- 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?

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

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.

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