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Name	 	 	

Reg. No.....

FIRST SEMESTER (CBCSS—UG) DEGREE EXAMINATION NOVEMBER 2023

Computer Science

BCS 1B 01-COMPUTER FUNDAMENTALS AND HTML

(2019-2023 Admissions)

Time : Two Hours

Maximum : 60 Marks

Section A (Short Answer Type)

All questions can be answered. Each question carries 2 marks. (Ceiling 20 marks)

- 1. Write a note on Von Neumann model of computer architecture.
- 2. Differentiate between cache memory and primary storage.
- 3. Write a note on secondary storage devices.
- 4. Define registers.
- 5. List two features of a good programming language.
- 6. What is the 1's complement of a binary number ?
- 7. Define Flow chart.
- 8. Provide an algorithm to find the average of two numbers.
- 9. How can you create scrolling text in HTML?
- 10. What does HTTP stand for, and what is its role?
- 11. Explain colspan.
- 12. How can you change the background color of an HTML element.

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Section B (Paragraph / Problem Type)

All questions can be answered. Each question carries 5 marks. (Ceiling 30 marks)

- 13. Compare primary storage with secondary storage devices.
- 14. Define computer languages and their significance.
- 15. Discuss the features of a good programming language.
- 16. Explain the rules and laws of Boolean algebra.
- 17. Describe how a table is created in HTML
- 18. Explain the text formatting tags.
- 19. Explain lists in HTML.

Section C (Essay Type)

Answer any **one** of the following questions. The question carries 10 marks.

- 20. Explain Number systems.
- 21. Explain CSS and its usage in HTML.

 $(1 \times 10 = 10 \text{ marks})$