23U122 (Pages: 2) Name: ....

Reg.No: ....

FIRST SEMESTER B.Sc./B.C.A. DEGREE EXAMINATION, NOVEMBER 2023

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19U BCS1B01 / CC19U BCA1 B01 - COMPUTER FUNDAMENTALS AND HTML

(Computer Science / Computer Application - Core Course)

(2019 Admission onwards)

Time : 2.00 Hours Maximum : 60 Marks

Credit : 3

Part A (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. Define compiler.

2. What do you mean by computer port?

3. Explain Octal number system with example.

4. What is principle of duality?

5. Standardize (A+B')(B+C)

6. What do you mean by pseudocode?

7. What is a flowchart?

8. What is Web hosting ?

9. What are the different heading tags in HTML?

10. What are ordered lists? Illustrate with an example.

11. What is a frame? How can you create frames in webpages?

12. What is the use of CSS? Which CSS property is used to control the position of an image in the background ?

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

Answer *all* questions. Each question carries 5 marks.

13. Explain different types of hardware using examples.

14. Explain SRAM and DRAM.

15. Explain additive method of subtraction.

16. Explain Gray code and its conversion to binary with examples.

17. Write an algorithm to check whether the given number is odd or even.

18. What is the use of tag in HTML? Explain most important attributes of tag.

19. Design a web page which uses form to collect detils from students. Form should consist of student name,gender, address and class.

(Ceiling: 30 Marks)

Part C (Essay questions)

Answer any *one* question. The question carries 10 marks.

20. Explain the Von Neumann architecture with a neat diagram.

21. What is an HTML document? Explain the basic structure of an HTML document.

(1 × 10 = 10 Marks)

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