

**D 73262**

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER B.A./B.Sc. DEGREE EXAMINATION, NOVEMBER 2019**

(CBCSS—UG)

Computer Science

BCS 1B 01—COMPUTER FUNDAMENTALS AND HTML PROBLEM SOLVING  
USING C

(2019 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 do you mean by hardware ?
2. What is RAM ?
3. What is an interpreter ?
4. What do you mean by a motherboard ?
5. What is the purpose of a networking cable ?
6. What do you mean by static Web page ?
7. How will you fetch images to a Web page in HTML ?
8. What is <noframes > tag ?
9. Explain the style rule in a CSS.
10. What is the purpose of a Web browser ?
11. List the various background properties in CSS.
12. What is an anchor tag ?

**Section B (Short Essay Type Questions)**

*Answer all questions, each correct answer carries a maximum of 5 marks.*

*Ceiling 30 marks.*

13. Convert the following decimal numbers to binary. A)  $(217)_{10}$  B)  $(8023)_{10}$ .
14. Explain Excess-3 code with an example.

**Turn over**

15. What are the rules in Boolean algebra ?
16. Explain POS with an example.
17. Explain DeMorgan's Theorem for NAND gates.
18. Draw a flow chart to find the roots of a quadratic equation.
19. Explain HTML document structure with an example.

**Section C (Essay Type Questions)**

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

20. Explain the heading tags and font tags in HTML with examples.
21. Explain various types of selectors in CSS with examples.

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