

20U120

(Pages: 2)

Name: .....

Reg.No: .....

**FIRST SEMESTER B.Sc./B.C.A. DEGREE EXAMINATION, NOVEMBER 2020**

(CBCSS - UG)

(Regular/Supplementary/Improvement)

**CC19U BCS1 B01/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* question. Each question carries 2 marks.

1. Define compiler.
2. Draw the basic structure of computer.
3. Convert (i)  $(45.5)_{10} = ( \_ )_2$  (ii)  $(1C)_{16} = ( \_ )_{10}$  (iii)  $(73)_8 = ( \_ )_2$  (iv)  $(125)_8 = ( \_ )_2$
4. What is boolean algebra?
5. Standardize  $(A+B')(B+C)$
6. What do you mean by pseudocode?
7. What is a flowchart?
8. Describe the terms client and server.
9. List out the basic tags in HTML document structure.
10. Differentiate ordered and un-ordered lists in HTML with an example.
11. How will you create table in HTML ?
12. Explain how we can add an image named 'nature.png' as background in CSS ?

**(Ceiling: 20 Marks)**

**Part B** (Short essay questions)

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

13. What are the advantages of computer?
14. Give a short note on Add-on cards.
15. Explain additive method of subtraction.
16. Give a short note on ASCII code.
17. Write algorithm and draw flowchart to find average of three numbers.
18. Write a detailed note on element in HTML and also explain its attributes with examples.
19. Design a webpage to show the use of the following input controls (a) check box (b) radio-button. And also submit the form details using appropriate method.

**(Ceiling: 30 Marks)**

**Part C** (Essay questions)

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

20. Elaborate memory hierarchy with a neat diagram.
21. List out the various text formatting options in HTML and explain with suitable examples.

**(1 × 10 = 10 Marks)**

\*\*\*\*\*