

**19U128C**

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Name: .....

Reg. No.....

**FIRST SEMESTER B.C.A. DEGREE EXAMINATION, NOVEMBER 2019**

(Supplementary/Improvement)

(CUCBCSS-UG)

**CC17U BCA1 B01 - COMPUTER FUNDAMENTALS AND HTML**

(Computer Applications – Core Course)

(2017 & 2018 Admissions)

Time: Three Hours

Maximum: 80 Marks

**PART A**

Answer *all* questions. Each question carries 1 mark.

1. What is a language translator?
2. Expand BCD.
3. Find 2's complement of 101001.
4. The Unordered list starts with tags.
5. Expand DNS.
6. Give an example for web browser.
7. List any two symbols in flow chart and write their use.
8. Name the attribute used for navigation link.
9. State Absorption law.
10. What is the use of scanner?

**(10 x 1 = 10 Marks)**

**PART B**

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

11. What is meant by memory hierarchy?
12. Convert  
(a)  $(110101)_2 = (\dots\dots\dots)_{10}$                       (b)  $(473)_8 = (\dots\dots\dots)_2$
13. What do you mean by add-on card?
14. Define the 1's complement?
15. What are the symbols used in flow chart?
16. What is meant by Web Server?
17. What is Block element?
18. What is the list tags used in html?

**(8 x 2 = 16 Marks)**

### PART C

Answer any *six* questions. Each question carries 4 marks.

19. Using 2's complement method subtracts 1101101 from 101011. Verify the result using 1's complement method.
20. Describe Memory hierarchy in computer.
21. Explain Von Neumann Model.
22. Explain any four digital codes with example.
23. Write down the algorithm for finding average of the n number.
24. Explain text properties used in CSS.
25. Explain form controls.
26. Explain SOP and POS.
27. Create a table in the following format:

Roll No	Name	Address	
		Place	District
1.	ABC	Angamally	Ernakulam
2.	QWE	Thenjipalam	Malappuram
Submit			

(6 x 4 = 24 Marks)

### PART D

Answer any *three* questions. Each question carries 10 marks.

28. Explain the following
  - a) SMPS
  - b) IP
  - c) HTML
29. Explain different number systems with examples.
30. Write down the algorithm to checking odd/Even number and draw its flowchart.
31. Simplify the following using K-Map
  - a)  $A'BC' + AB C' + ABC$
  - b)  $ACD + A'B + D'$
32. Explain table tags with suitable example.

(3 x 10 = 30 Marks)

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