

**D 93899**

**(Pages : 2)**

**Name.....**

**Reg. No.....**

**FIRST SEMESTER (CBCSS—UG) DEGREE EXAMINATION  
NOVEMBER 2020**

**B.C.A.**

**BCA 1B 01—COMPUTER FUNDAMENTALS AND HTML**

**(2019 Admissions)**

**Time : Two Hours**

**Maximum : 60 Marks**

**Section A (Short Answer Type Questions)**

*Answer at least **eight** questions.*

*Each question carries 3 marks.*

*All questions can be attended.*

*Overall Ceiling 24.*

1. What is Language Translators ? Why it is important in computers ?
2. What are the functions of an input unit ? Explain.
3. Explain the concept of primary storage unit.
4. Explain BCD.
5. Why we use base in number system ? What is the base value of hexadecimal number system ?
6. What are the different precedence rules for Boolean operators ? Explain.
7. Define an algorithm with example.
8. What is top-down design ? Explain with example.
9. Explain what is a Web Browser ?
10. Write the syntax of superscript and font with explanation.
11. List different CSS Properties. Explain any *two*.
12. What is ordered lists ?

**(8 × 3 = 24 marks)**

**Turn over**

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

*Answer at least five questions.*

*Each question carries 5 marks.*

*All questions can be attended.*

*Overall Ceiling 25.*

13. Explain Von Neumann architecture. What are the five basic functions performed by a computer system? Explain.
14. What is cache memory? Explain the sequence of actions that takes place in accessing the memory with cache.
15. What is De Morgan's Theorem? Explain.
16. What is Flowchart? What are the different symbols used in flowchart? Draw a flowchart to find prime numbers between two ranges.
17. Explain DHTML and HTTP.
18. What is a Frame? Advantage of using frames in HTML.
19. What are class and CSS ID? Explain.

(5 × 5 = 25 marks)

**Section C (Essay Type Questions)**

*Answer any one question.*

*The question carries 11 marks.*

20. What is meant by a Secondary Storage Device? List the different secondary storage devices and explain any five with their functioning and storage organization.
21. (a) Explain features of HTML. Generate college admission form using HTML form tag.

(5 marks)

- (b) What are the different steps to Creating Style Sheet in inline and internal? Explain.

(5 marks)

[1 × 11 = 11 marks]