

D 53631

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Name.....

Reg. No.....

**FIRST SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2023**

B.C.A.

BCA 1B 01—COMPUTER FUNDAMENTALS AND HTML

(2019—2023 Admissions)

Time : Two Hours

Maximum : 60 Marks

Section A (Short Answer Type Questions)*Answer all questions.**Each question carries 2 marks.**Ceiling 20 marks.*

1. Define SMPS.
2. What are the different types of memory ?
3. What is Cache memory ?
4. Convert 255 to binary.
5. What is Karnaugh map ?
6. Differentiate between Minterm and Maxterm.
7. What is an Algorithm ?
8. Give any *two* properties of flowcharts.
9. Define WWW.
10. What is HTML ?
11. What is CSS ?
12. List out four properties of CSS.

Turn over

Section B (Short Essay Type Questions)

*Answer **all** questions.*

Each question carries 5 marks.

Ceiling 30 marks.

13. What is a computer port ? Discuss any *two* computer ports with its application.
14. Define a language translator. Briefly explain with an example.
15. What are the two De Morgan's theorem ? Give some of its application.
16. What is SOP and POS form of Boolean expression ? Briefly explain.
17. Draw a flowchart to check whether the number entered is Odd or Even.
18. Differentiate XHTML and DHTML.
19. Discuss the working with Block Elements and Objects in CSS.

Section C (Essay Type Questions)

*Answer any **one** question.*

The question carries 10 marks.

20. Explain :
 - a) ASCII code.
 - b) Unicode.
 - c) Gray code.
 - d) Excess-3 code.
21. Discuss in brief any *five* basic formatting tags in HTML.

(1 × 10 = 10 marks)