461348

**D** 53631

(**Pages : 2**)

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** 

### 461348

## 461348

D 53631

### 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.

 $(1 \times 10 = 10 \text{ marks})$