D 32345 (Pages : 2) Name.....

Reg. No.....

FIRST SEMESTER (CBCSS—UG) DEGREE EXAMINATION NOVEMBER 2022

Computer Science

BCS 1B 01—COMPUTER FUNDAMENTALS AND HTML

(2019—2022 Admissions)

Time : Two Hours Maximum : 60 Marks

Section A (Short Answer Type Questions)

Answer **all** *questions, each correct answer carries a maximum of* 2 *marks. Ceiling* 20 *marks.*

1. Distinguish between Analog and Digital computer.
2. What are the characteristics of von Neumann architecture ?
3. What is an Algorithm ?
4. Write the procedure for subtracting two binary numbers using two's complement.
5. What you meant by Digital system ?
6. Mention the role of Top-down design in Problem solving.
7. What is a web server ?
8. Explain in brief the
 and <hr> tag with its attribute.
9. What are the different levels of heading in HTML ?
10. What do you mean by URL ? Mention its uses.
11. Write the application of Internet.
12. What is the purpose of ID and class in CSS ?

Section B (Short Essay Type Questions)

Answer **all** *questions, each correct answer carries a maximum of* 5 *marks. Ceiling* 30 *marks.*

13. List the registers used in a computer and explain their use.
14. Draw the flow chart for find the sum of all the odd numbers in a given set of numbers.

Turn over

15. Illustrate the process of addition and subtraction in 1s and 2s complement system with suitable examples.

16. Discuss any 5 types of Digital codes ?

17. Explain GET and POST request methods.

18. Explain the basic table tags with the different attributes.

19. What is selector class ? Explain the pseudo class selector in CSS with example.

Section C (Essay Type Questions)

Answer any **one** *question, correct answer carries* 10 *marks.*

20. Draw the basic block diagram of a digital computer and explain the functions of each unit.

21. Explain the following : WWW, HTTP, DNS, CSS and Web Browser.