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

Computer Science

BCS 1B 01—COMPUTER FUNDAMENTALS AND HTML PROBLEM SOLVING USING C

(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. Which are the different number systems and its base ?

2. What is a compiler ?

3. What is cache memory ?

4. What do you mean by an adapter ?

5. What is Unicode ?

6. What is the purpose of Boolean algebra ?

7. What is a URL ? Give an example.

8. What is an empty tag ? Give example.

9. How will you create a textbox in HTML ?

10. Write an example program for inline CSS.

11. What is meant by selector in CSS ?

12. What do you mean by a domain name ? Give example.

(8 × 3 = 24 marks)

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. With a diagram explain the components of a computer.

14. Explain BCD and its representation.

Turn over

15. Explain SOP with an example.

16. Explain DeMorgan's theorem for NOR gates.

17. Draw a Flow chart to check whether a number is prime.

18. Explain paragraph tags with its attributes.

19. How will you create hyperlinks in HTML ? Give an example program.

(5 × 5 = 25 marks)

Section C (Essay Type Questions)

Answer any **one** *question.*
The question carries 11 marks.

20. Explain unordered lists, ordered lists and definition lists with examples.

21. Explain the CSS font family with example programs.

(1 × 11 = 11 marks)