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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 ?
- 8. 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?
- 16. 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.

 $(8 \times 3 = 24 \text{ marks})$

Section B (Short Essay Type Questions)

Answer at least five questions.

Each question carries 5 marks.

All questions can be attended.

Overall Ceiling 25.

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- 1/2. With a diagram explain the components of a computer.
- 14. Explain BCD and its representation.

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- Explain SOP with an example.
- Explain DeMorgan's theorem for NOR gates.
- 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.

 $(5 \times 5 = 25 \text{ marks})$

Section C (Essay Type Questions)

Answer any one question. The question carries 11 marks.

- Explain unordered lists, ordered lists and definition lists with examples.
- Explain the CSS font family with example programs.

 $(1 \times 11 = 11 \text{ marks})$

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