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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.

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- 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.