Reg. No.....

FIRST SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2021

Computer Science

BCS 1B 01—COMPUTER FUNDAMENTALS AND HTML

(2021 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. What is the function of CPU ?
2. What is SMPS ?
3. What is a Register ? Give the names of various registers.
4. What do you mean by add-on cards ? Give examples.
5. Explain ASCII code.
6. What is a Web server ?
7. What is the use of <embed>tag ?
8. What do you mean by a dynamic Web page ?
9. Write an HTML code to generate radio buttons in HTML.
10. What is <audio> tag in advanced HTML ?
11. What are the properties available in CSS for controlling fonts in CSS ?
12. How will you create superscript text and subscript text in HTML ?

(8 × 3 = 24 marks)

Turn over

Section B (Paragraph Type Questions)

Answer at least **five** *questions.*
Each question carries 5 *marks.*
All questions can be attended.
Overall Ceiling 25.

13. Differentiate a compiler and interpreter. Give examples for programming languages that use interpreter and compiler.
14. Explain the 1's and 2's complement with an example.
15. What is Gray code ? Compare with BCD.
16. Explain the laws in Boolean algebra.
17. Write an algorithm and draw a Flow chart to check whether a number is odd or even.
18. Explain the formatting tags used for bold, italics and underlined text.
19. Write an HTML script to create a table with two columns Name and Salary and two rows for the table.

(5 × 5 = 25 marks)

Section C (Essay Type Questions)

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

20. Explain embedded CSS, external CSS and inline CSS with examples.
21. Explain various symbols used in a flow chart. Give the advantages and limitations of flow charts.

(1 × 11 = 11 marks)