19U366 (Pages: 2) Name: …………………….

Reg. No: ………………….

THIRD SEMESTER B.Voc. DEGREE EXAMINATION, NOVEMBER 2020
(Regular/Supplementary/Improvement)
CC18U GEC3 CF09 - COMPUTER FUNDAMENTALS AND HTML
(Food Processing Technology)
(2018 Admission onwards)

Time: Three Hours   Maximum: 80 Marks

PART A
Answer *all* questions. Each question carries 1 mark.

1. The basic architecture of computer was developed by _____

2. The processor which performs arithmetical and logical operations is called _____

3. Boolean algebra invented by _____

4. What will be the decimal equivalent of $(1101101.10)_2$ is _____?

5. Diamond shaped symbol is used in flowcharts to show the _____

6. An algorithm represented in the form of programming language is known as _____

7. _____ tag is used to insert images into your web page.

8. _____ section is used for text and tags that are shown directly on your web page.

9. CSS stands for _____

10. _____ property specifies an image to use as the background of an element.

(10 x 1 = 10 Marks)

PART B
Answer any *eight* questions. Each question carries 2 marks

11. Write a short notes on HTML Styles.

12. What are selectors in CSS?

13. List any four common browsers.

14. Name three ways to define a colour in html.

15. Define Algorithm.

16. List any four secondary storage devices.

17. What is cache memory?

18. What are the symbols used in a Flowchart?

19. Write an algorithm and draw a flowchart that will read the two sides of a rectangle and calculate its area.

20. What will be the hexadecimal equivalent of decimal number $(56982)_{10}$?

21. Explain De-Morgans Law with an example.

22. What are the basic operations of Boolean calculus?

(8 x 2 = 16 Marks)

PART C
Answer any *six* questions. Each question carries 4 marks.

23. Explain the difference between RAM & ROM.

24. What are the different form tags in HTML?

25. Write an HTML code that will display a table of students name, roll number, total marks.

26. Differentiate between form GET and POST.

27. What are the different parts of CSS.

28. How many generations are present at this time? Explain with details.

29. List the different output devices with explanation.

30. What are the different list tags available in HTML? Explain.

31. a) 10111+1101

b) 11010-01100

c) 2's complement of 1101011

d) 1010111+11011+11

(6 x 4 = 24 Marks)

PART D
Answer any *two* questions. Each question carries 15 marks.

32. Describe model of a computer and its parts with a diagram.

33. Explain Flowchart. Draw a flowchart and write algorithm to find all the roots of a quadratic equation ax^2+bx+c

34. Explain Different types of number system representation in computer.

35. Write CSS code that define five classes of paragraph with different background color, margins, padding and border style.

(2 x 15 = 30 Marks)

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