

20U366

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Name:

Reg. No:

THIRD SEMESTER B.Voc. DEGREE EXAMINATION, NOVEMBER 2021

(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. _____ is the extension of HTML file.
2. _____ property is to set the text shadow around a text.
3. The <i> tag makes text _____
4. Multiple choice examination answer sheets can be evaluated automatically by _____
5. Karnaugh map (K-map) technique provides a systematic method for simplifying _____
6. The Second Generation of computers used _____
7. The Device which converts instructions into the binary form that is understood by the computer and supply to the computer is known as _____
8. A common topology to any network is _____ topology.
9. BCD stands for _____
10. _____ hold address of word in memory.

(10 × 1 = 10 Marks)

PART B

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

11. What are the basic operations of Boolean calculus?
12. What are the three basic parts of a computer?
13. List the different input devices.
14. List the symbols used for flowchart.
15. List the 3 translator's name.
16. Give the name of any 3 Application software.
17. What is AND gate?
18. Expand WWW and W3C.
19. What are the different ways to solve a problem? Explain one aspect
20. What is the use of tag explain it with attributes?
21. Define 1's compliment & 2's compliment.

22. What are the building blocks used in CSS?

(8 × 2 = 16 Marks)

PART C

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

23. Draw neat labelled block diagram of computer system & Explain in detail.

24. What is flow chart? Give the symbols used for flowchart.

25. Explain Ring and Bus topology.

26. Convert $(725.25)_8$ to its decimal, binary and hexadecimal equivalent.

27. Multiply binary numbers 1100 and 1010.

28. Explain memory with block diagram.

29. Difference between checkbox and radio button.

30. Difference between GET & POST Methods used in HTML.

31. Create an HTML webpage that offers an opportunity to plan your holidays and getting information about travel and tourism.

(6 × 4 = 24 Marks)

PART D

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

32. Write an algorithm & flowchart to check whether the given number is prime or not.

33. a) Explain different Background properties in CSS Styling.

b) Explain different form controls in HTML.

34. a) Describe different navigation links using anchor tags in HTML.

b) What are the different theorems of Boolean algebra?

35. Define Binary number system. Verify the result of add to 92_{10} and 56_{10} using binary addition.

(2 × 15 = 30 Marks)
