

First PUC Annual Examination - February - 2020

Time : 3-15 Hrs.

Subject - Computer Science (41)

Max. Marks : 70

PART -A

Note : Answer all the following questions, each question carries one mark.

10x1=10

1. Expand ENIAC.
2. Define Primary memory.
3. What is debugging?
4. Who developed the C++?
5. What is Stream?
6. Define Looping.
7. Which is multiple branch selection statement?
8. What is data type of the array subscript?
9. What is footer in the word processor?
10. What is cell in Ms-Excel?

PART -B

Note : Answer any FIVE of the following questions, each carries two marks.

5x2=10

11. Write a note on Abacus.
12. What is the difference between volatile and non volatile memory?
13. What is an operating system. Give an example.
14. Write any two symbols used in flowchart.
15. Mention any two applications of OOP.
16. Mention the data types available in C++.
17. What is string concatenation? Give example.
18. Write the command for cut and paste.

PART -C

Note : Answer any FIVE of the following questions, each carries three marks.

5x3=15

19. Write the difference between impact and non impact printers.
20. Subtract 18 from 25 using 1'S complement.
21. List the difference between CUI and GUI.
22. List the types of errors and explain any two.
23. What is type conversion? Mention its types.
24. Explain cascading of input and output operators.
25. Define an array. Write a syntax and example to declare one dimensional array.
26. Declare a Structure that contains data of an employee.

PART -D

Note : Answer any SEVEN of the following questions, each carries five marks.

7x5=35

27. Briefly explain applications of computers.
28. Convert $FADE_{(16)}$ to binary, octal and decimal.
29. Define an algorithm. Explain the characteristics of an algorithm.
30. Explain the structure of C++ program with suitable example.
31. Differentiate between while and do while loop.
32. Explain switch statement with example.
33. Write a C++ program to read and print n numbers using arrays.
34. Define recursive function. Explain with example.
35. Explain any five mathematical built in functions used in ms-Excel.
36. What is spread sheet? Write its characteristics.
37. Define HTML. Explain any four formatting tags.

