Mock Question Paper I- January 2019

Course:	I PUC		Subject:	Computer Science(PCMC,ABSC)
Max. Marks:	70		**Duration:**	3:15 hrs.

I. Answer all the questions. Each question carries one mark.   1X10= 10

1. Expand VLSI
2. What is the use of input unit?
3. Define problem solving.
4. What is unary operator?
5. What is the purpose of manipulators?
6. What is compound statement?
7. What is a function?
8. What is a header?
9. Define coding.
10. What is a relative reference?

II. Answer any five. Each question carries two marks.   2 X 5=10

11. Write a note on Abacus.
12. Give different types of ROM.
13. What is a translator?
14. Write any two symbols used in flowchart.
15. Mention any two advantages of OOP?
16. Explain lvalue and rvalue with an example.
17. What is standard library?
18. Give shortcut command for copy and paste command in word processor?

III. Answer any five. Each question carries three marks.   3 X 5= 15

19. Explain output unit in detail.
20 Add the following using binary addition method $25_{(10)}$ and $55_{(10)}$
21. Explain different types of operating systems.
22. Write an algorithm to check whether number is Armstrong number or not.
23. What are short hand operators?
24. Explain setw (b) setprecision (c) endl.
25. Explain memory representation of one-dimensional array.
26. What is the use of dot operator? Give an example

IV. Answer any seven. Each question carries five marks.   7 X 5= 35

27. Explain the functional units of a computer with a neat block diagram.
28. Convert $572_{(8)}$ $?_{16}$ $?_{10}$ $?_2$
29. Draw a flowchart to find sum of N numbers.
30. Explain different forms of if statement.
31. Explain the structure of the function with an example program.
32. Write a C++ program to find the minimum and maximum element of an array.
33. Compare break and continue statements.
34. Write a C++ program to read and print a matrix of order MxN
35. Explain the screen layout of a worksheet in detail.
36. What is mail merge? Write steps involved in creating mail merge document..
37. Explain any five HTML tags with example.

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