



Jain College, Jayanagar
I PUC Mock Paper - 2016
Subject : Computer Science(41)

Duration: 3.15 minutes

Max.Marks: 70

Part – A

I. Answer all the following questions:

10 × 1 = 10

1. Expand MICR.
2. What is cache memory?
3. Define testing.
4. Define token.
5. Give an example for a manipulator in C++.
6. Give an example for entry controlled looping structure in C++.
7. Define 2-D array.
8. What are formal arguments?
9. What is footer?
10. Why is the auto format option used?

Part – B

II. Answer any five of the following:

2 × 5 = 10

11. Mention any two characteristics of computers.
12. Explain the structure of CD-ROM.
13. Mention the services provided by an operating system?
14. What are the essential characteristics of an algorithm?
15. Mention any two applications of object oriented programming.
16. What is enumerated datatype? Give an example.
17. Distinguish global and local variables.
18. Mention the steps to perform mail merge.

Part – C

III. Answer any five of the following:

3 × 5 = 15

19. Differentiate primary memory and secondary memory.
20. Write a note on ASCII code.
21. Mention the types of operating system.
22. Explain the symbols used in flowchart.
23. Explain bitwise operators with suitable example.
24. Differentiate get () and getline () functions.
25. Write the different ways of initializing a string.
26. Explain the array of structures with example.

Part – D

IV. Answer any seven of the following:

5 × 7 = 35

27. Explain the features of 4th generation of computers.
28. Evaluate $DEA_{2(16)} = ?_{(10)} = ?_{(8)} = ?_{(2)}$
29. Write an algorithm to find GCD and LCM of two numbers using functions.
30. Explain the structure of C++ program with a suitable example.
31. Explain the working of for loop with an example.
32. Write a C++ program to print Fibonacci series for 'n' numbers using for loop.
33. Write a C++ program to find the sum of 2 compatible matrices.
34. Explain pass by reference and pass by value method of calling a function.
35. Explain any five text functions in Excel with example.
36. What is a chart? What are its types? Explain any one with suitable examples.
37. Define the following:
 - a) Web page
 - b) telnet
 - c) Web browser
 - d) Search engine
 - e) World wide web
