

Time : 3:15 Hours**Part - A****Note : Answer ALL the questions.****10x1=10****Each questions carries One mark.**

1. Who invented the Pascaline?
2. Name any one input unit.
3. Which structure is called fixed execution structure?
4. Define token.
5. Give the header file that holds setw ().
6. What is the function of exit () ?
7. Write the array declaration to store 50 elements of data type int.
8. What are global variables?
9. Name any one word processor software.
10. Expand ESS.

Part - B**Note : Answer any FIVE of the following questions.****5x2=10****Each questions carries Two mark.**

11. Explain the role of computers in schools and colleges.
12. Give the different types of ROM.
13. What is an operating system? Give an examples.
14. Write any two symbols used in a flow chart.
15. Mention any two applications of OOP.
16. List any two fundamental data types used in C++.
17. Distinguish between strcmp () and strcmpi () function.
18. Write the difference between save and save as in word processor.

Part - C**Note : Answer any FIVE of the following questions.****5x3=15****Each questions carries Three mark.**

19. Give the applications of OCR, OMR and MICR.
20. Add $50_{(10)} + 25_{(10)}$ using binary addition.
21. Mention any three functions of operating system.
22. Explain any three types of errors.
23. Summarize the rules for naming an identifier?
24. Explain cascading of input output operators in C++ with an example.
25. Define two dimensional array. Give the declaration syntax and example.
26. What is structure? How to define a structure?

Part - D**Note : Answer any SEVEN of following questions.****7x5=35****Each questions carries Five mark.**

27. Explain the characteristics of computer.
28. Subtract $30_{(10)} - 25_{(10)}$ using 1's complement method.
29. Write an algorithm to find greatest of three numbers.
30. Explain the structure of C++ program with an example.
31. Briefly explain the working of switch statement with an example.
32. Define while loop. Explain with suitable example.
33. Define one dimensional array, and write program segment to read and print the elements.
34. Write and explain with syntax and example of "Function with arguments and with return Value".
35. Mention different applications of spreadsheets.
36. Explain any five functions used in Ms-Excel.
37. Explain any five tags used in HTML.