

PART - A

I. Answer ALL the questions. Each question carries ONE mark.

20x1 = 20

A. Select the correct answer from the choices given: (Repeated answers will not be considered)

1. Name the father of computer.
 a) Blaise Pascal b) Tim Cranmer c) Charles Babbage d) Herman Hollerith
2. Identify the input device.
 a) Keyboard b) Mouse c) O C R d) All the above
3. Select nonimpact printer.
 a) Dot-matrix printer b) Line printer c) Laser printer d) Daisy wheel printer
4. ASCII is _____ bit code.
 a) 4 b) 8 c) 7 d) None of above
5. Which is not a characteristics of algorithm.
 a) Input b) Terminate c) Speed d) Effective
6. Executing a program by entering sample data to check the output is called as
 a) Debugging b) coding c) Testing d) None of these
7. Which does not belong to token of C++.
 a) Identifier b) Data type c) Punctuators d) Keywords
8. The input operator in C++ is _____
 a) Stream extraction operator b) Stream insertion operator
 c) Stream inflow operator d) Stream input operator
9. _____ is iterative statement.
 a) if b) switch c) for d) nested if
10. There are _____ types of arrays.
 a) 2 b) 3 c) 4 d) 0
11. Where does the execution of program starts?
 a) User defined function b) main function c) Void function d) else function
12. The arguments used in function call are called as
 a) Formal argument b) actual argument c) Value argument d) None of these
13. Using _____ we can send the letter to different person at the same time.
 a) Macros b) Template c) Mail merge d) None of above
14. Excel is used to prepare _____
 a) Slide presentation b) Spread sheet c) Text document d) Database
15. Which term is used to join the selected cell into one cell?
 a) Filter b) Wrap c) Pivot d) Merge

B. Fill in the blanks using the appropriate word/words for those given in brackets.

Note: Repeated answers will not be considered

(integer, pretested, declaration, iostream, underscore)

16. The special character allowed in identifier is _____.
17. cin and cout are stored in _____ library file.
18. While statement is _____ statement.
19. The data type of index variable is _____.
20. Function prototype is a _____ of the function.

PART- B

Answer any FOUR questions. Each question carries TWO marks.

4X2 = 8

25. Write a short note on Abacus.
26. Name any two types of ROM
27. Define operating system? Give example
28. Write any two uses of flowchart
29. Write any two characteristics of OOP
30. Explain lvalue and rvalue of variable with an example
31. Give the difference between strcmp() and strncmp().
32. Write the shortcut keys for copy paste.

PART-C

III. Answer any FOUR questions. Each question carries THREE marks.

4X3 = 8

29. Mention any three types of keyboard.
30. Convert $FADE_{(16)}$ to binary and octal.
31. Write the features of windows operating system.
32. Write the flow chart to find greatest of two numbers.
33. Explain logical operator with example.
34. Explain stream insertion operator with example.
35. Give declaration syntax and example for two dimensional array.
36. What is a structure? Give syntax and example for structure declaration.

PART – D

IV. Answer any SIX questions. Each question carries FIVE marks.

6X5 = 30

37. Explain the characteristics of a computer.
38. Subtract $25_{(10)}$ from $30_{(10)}$ using 1's complement.
39. Write an algorithm to find sum of digits of a number.
40. Define the following terms
 - a) Identifier
 - b) Constants
 - c) Escape sequence
 - d) Punctuator
 - e) Operator
41. Write a program to find factorial of a given number using for loop.
42. Explain switch statement with syntax, flowchart and example.
43. Explain the types of arrays? Give declaration syntax and initialization of one dimensional array.
44. Explain actual and formal arguments with example.
45. Write the applications of ESS.
46. Explain any five statistical functions of spread sheet.
47. Explain any five tags used in HTML program.