PART-A

I   **Answer all the questions. Each question carries ONE mark :**   **10 x 1 = 10**

1   Who invented IC?
2   Expand MICR.
3   List out the different iteration statements.
4   What is Keyword?
5   Write the purpose of setw( ).
6   What are the 3 types of control statements?
7   What is the data type of an array subscript?
8   What are Global variables?
9   What is ribbon?
10   What is spreadsheet?

PART-B

II   **Answer any FIVE questions. Each question carries TWO marks:**   **5 x 2 = 10**

11   What are the important features of IV Generation Computers?
12   Give two differences between primary and secondary memory.
13   Give any two differences between compiler and interpreter.
14   Which are the stages in problem solving technique?
15   Write any two advantages of OOPS.
16   What is type conversion? Give one example.
17   Explain any two mathematical built-in-functions in C++.
18   Write any two advantages of using word processor.

PART-C

III   **Answer any FIVE questions. Each question carries THREE marks:**   **5 x 3 = 15**

19   How are printers classified? Explain the LASER printer.
20   Convert $68_{(10)}$ to binary, Octal and hexadecimal.
21   Describe the functions of operating system.
22   Explain the if-else-if statement.
23   Give the classification of constants.
24   Write a program to read and write register number, name and marks of a student.
25   Explain different types of arrays.
26   What is a strucutre? Write the syntax for structure definition.

PART-D

IV   **Answer any SEVEN questions. Each question carries FIVE marks:**   **7 x 5 = 35**

27   Explain the classification of computers in detail.
28   a) Convert $FAB_{(16)}$ to decimal and Octal.
      b) Subtract 56 from 82 using 2's complement.
29   Explain the different stages of problem solving techniques.
30   Discuss relational operators with examples.
31   Write a C++ program to find the sum of the digits of a given number.
32   Explain while loop with programming example and syntax.
33   Write a program to check if string is palindrome or not.
34   With an example explain functions with arguments and with return value.
35   Explain any five text manipulation functions in Excel.
36   Give the features of spreadsheets.
37   a) Write any two uses of internet.
      b) Write the uses of any three tags used in HTML.

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