Day : Monday		Time : 03.00 P.M. To 06.00 P.M
Date : 15/04/2019	**S-2019-0910**	Max. Marks : 60

N.B.
  1) All questions are **COMPULSORY**.
  2) Figures to the **RIGHT** indicate **FULL** marks.
  3) Draw neat label diagrams **WHEREVER** necessary.

Q 1. Attempt any **Two** of the following. (12)
  (a) Explain the keywords with suitable example.
  (b) What is flowchart? Explain the symbols used in the flowchart.
  (c) Write a program to display the array in ascending order

Q 2. Attempt any **Two** of the following. (12)
  (a) What is computer? Explain the computer with diagram.
  (b) Explain the DO WHILE statements with suitable example
  (c) Write a program to display the string in the reverse order.

Q 3. Attempt any **Two** of the following. (12)
  (a) What is function? How the function is called by value? Explain with suitable example.
  (b) Explain the SWITCH statements with suitable example.
  (c) Write a program to find the roots of a differential equation. Draw the flowchart

Q 4. Attempt any **Three** of the following. (12)
  (a) Write a program to calculate the interest. Draw the flowchart.
  (b) Write a program to display the integers from 21 to 40. Draw the flowchart.
  (c) Write a program to interchange the values of the variables.
  (d) State C character set with suitable example.

Q 5. Attempt any **Four** of the following. (12)
  (a) Define (i) data (ii) command
  (b) Explain the relational operators.
  (c) Explain the pointer with suitable example.
  (d) What is an array? Define the elements of an array.
  (e) Write a program to find the power of a given number.
  (f) Explain the logical operators.

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