

Duration: 2 ½ Hrs

G110NPPC

Marks:- 75

- Note:-
- 1) All questions are compulsory
  - 2) All questions carry equal marks
  - 3) Figures to the right indicate maximum marks.

**Q.1 Attempt any three of the following:**

(15M)

- 1) Explain structure of 'C' programming.
- 2) Draw the flow chart to check year is leap year or not .
- 3) What are the rules of declaring variable explain with an example ?
- 4) Write a short note on data type.
- 5) Name & Describe basic data type.
- 6) WAP to accept marks of 3 subjects calculate total & average.

**Q.2) Attempt any three of the following**

(15M)

- 1) Explain conditional statement.
- 2) Write a short note on print() function .
- 3) Explain get () & puts () functions.
- 4) What is fall through ?
- 5) WAP to accept operator & 2 numbers & performs according to operator.
- 6) WAP to accept number & check it is even or odd.

**Q.3) Attempt any three of the following**

(15M)

- 1) Explain switch case.
- 2) What is difference between while loop & do while loop ?
- 3) Explain predefine function.
- 4) Explain for loop in detail.
- 5) WAP to print even numbers between 1 to 30.
- 6) WAP to demonstrate do while loop.

**Q.4) Attempt any three of the following**

(15M)

- 1) Explain array in detail.
- 2) What is the difference between strcpy & strcat () functions ?
- 3) What is mean by dynamic binding ?
- 4) Write difference between local variable & global variable.
- 5) WAP to transpose array elements.
- 6) WAP to copy string into another string.

**Q.5) Attempt any three of the following :-**

(15M)

- 1) Write a short note on pointer
- 2) How to write structure ?
- 3) Write short note on file handing.
- 4) Write difference between array & structure
- 5) WAP to create structure for employee ( Eid, Name, Salary)
- 6) WAP to count no. of character from file.

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