

Roll No.

Total No. of Questions : 13]

[Total No. of Pages : 02

Paper ID [A0204]

(Please fill this Paper ID in OMR Sheet)

BCA (104) (S05) (O) (Sem. - 1st)

PROGRAMMING IN C

Time : 03 Hours

Maximum Marks : 75

Instruction to Candidates:

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Nine** questions from Section - B.

Section - A

Q1)

(15 x 2 = 30)

- a) What do you mean by identifier?
- b) Difference between break and continue.
- c) What is Null statement?
- d) What do you mean by recursion?
- e) What do you mean by local and global variables?
- f) Explain self-referential structure.
- g) Define inbuilt functions.
- h) What do mean by conditional statements?
- i) What is meant by conditional operator?
- j) Difference between structure and array.
- k) Difference between gets and puts.
- l) What are various modes of opening a file?
- m) Which feature of c makes c extensible?
- n) Difference between printf and fprintf function.
- o) What do you understand by symbolic constant?

A-61

P.T.O.

Section - B

(9 x 5 = 45)

- Q2)** Define Operator? Explain various Operator available in c.
- Q3)** What are various input and output functions available in c?
- Q4)** WAP to find roots of quadratic equation?
- Q5)** What do you mean by storage classes? Explain various storage classes.
- Q6)** WAP to reverse of number.
- Q7)** Difference between structure and union.
- Q8)** What do you mean by Recursion? Explain with example.
- Q9)** WAP to find largest element among array?
- Q10)** WAP to swap two numbers using call by value and call by references.
- Q11)** WAP to demonstrate fgets and fputs function.
- Q12)** What do you mean by two dimensional arrays? Wap to multiply two square matrices.
- Q13)** Wap to implement bubble sort.

