Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐   **Total No. of Pages : 02**

Total No. of Questions : 07

BCA (2009 to 2010 Batch)   (Sem.–1)
PROGRAMMING IN C
Subject Code : BC-104
Paper ID : [B0204]

Time : 3 Hrs.   **Max. Marks : 60**

INSTRUCTION TO CANDIDATES :
1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains SIX questions carrying TEN marks each and a student has to attempt any FOUR questions.**

SECTION-A

Ql.   Write briefly :

a)   What is a Flow Chart?

b)   What are the various features of C Language?

c)   What do you mean by Data Type and Keyword?

d)   What is the difference between Prefix and Postfix Operator?

e)   Can we use float variable in Switch Statement.

f)   Define Function.

g)   What do you mean by Local and Global variables?

h)   Discuss the concept of Single Dimensional Array.

i)   How the memory allocated to Structure Elements?

j)   What do you mean by File Pointer?

SECTION-B

Q2. What do you mean by Errors? Explain different type of errors with example. (10)

Q3. Define Operators. Explain its types with the help of example. (10)

Q4. (a) What is the difference between for and while loop. (5)

(b) Differentiate between call by value and call by reference. (5)

Q5. What do you mean by strings? How strings are declared and initialized? Explain. (10)

Q6. (a) Differentiate between structure and union. (5)

(b) How memory is allocated to a union? How they are declared and initialized? (5)

Q7. (a) Discuss the various modes in which file can be opened. (8)

(b) What is the significance of EOF? (2)