BCA/D-17
PROGRAMMING IN C
Paper: BCA-116

Time: Three Hours   Maximum Marks: 80

Note: Attempt five questions in all, Q. No.1 is compulsory. Attempt four more questions selecting one question from each Unit.
1. Fill in the blanks :
    (i)   C is a …….level language.
    (ii)   Printf( ) is used for……..
    (iii)   IF-ELSE is used for………
    (iv)   Switch is used for……….
    (v)   Recursion is………..
    (vi)   Continue is used for……..
    (vii)   Auto is……….
    (viii)   Extern is………

Unit-I

2. Explain various data types in C.

3. Explain the following with example :
    (i) variable
    (ii) scanf( )
    (iii) getch( )
    (iv) putch( )

Unit-II

4. Explain various categories of operators in C language.

5. Explain type casting and conversion with examples.

Unit-III

6. What are various looping constructs in C language? Explain the difference between while and do-while looping constructs with examples.

7. What is a function in C ? What is a function prototype? Explain how parameters are passed between two functions?

Unit-IV

8. What is the concept of storage class in C language? Explain various storage classes available in C.

9. What is an Array in C? Explain its various types with examples.