

Roll No.

Total Pages : 02

BCA/D-17

1232

PROGRAMMING IN C

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 : 8×2=16
- (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. 16
3. Explain the following with example : 4×4=16
- (i) variable

(ii) scanf()

(iii) getch()

(iv) putchar()

Unit II

4. Explain various categories of operators in C language. 16
5. Explain type casting and conversion with examples. 16

Unit III

6. What are various looping constructs in C language ? Explain the difference between while and do-while looping constructs with examples. 16
7. What is a function in C ? What is a function prototype ? Explain how parameters are passed between two functions ? 16

Unit IV

8. What is the concept of storage class in C language ? Explain various storage classes available in C. 16
9. What is an Array in C ? Explain its various types with examples. 16