

B.C.A. Part—I (Semester—I) (Old) Examination
C PROGRAMMING
Paper—1ST2

Time : Three Hours]

[Maximum Marks : 60]

Note :— All questions carry equal marks.

1. (a) Explain the structure of C program with the help of example. 6
- (b) Explain the constant in C language with example. 6

OR

2. (a) Explain the enumerated data type with suitable example. 6
- (b) Explain C tokens. 6
3. (a) Explain the assignment, bitwise operators and logical operator with suitable example. 6
- (b) Write a program in C to calculate largest number among 3 numbers using conditional operator. 6

OR

4. (a) Explain the precedence and the associativity of operator with suitable example. 6
- (b) Write a program in C for calculating arithmetic operation of two numbers and write its flowchart. 6
5. (a) Explain the formatted I/O function with example. 6
- (b) Write a program to accept full name of a student and print it. Write its algorithm and flowchart. 6

OR

6. (a) Explain unformatted input function with example. 6
- (b) Write and explain difference between formatted and unformatted I/O function. 6
7. (a) Explain the switch case with example. 6
- (b) Explain entry control loop in C with example. 6

OR

8. (a) Explain the else if ladder and nested if with example. 6
- (b) Explain break, continue and goto statement. 6
9. (a) What is array ? Explain two dimensional array with example. 6
- (b) Explain the pointer arithmetic with example. 6

OR

10. (a) Write a program in C to find smallest number from 10 numbers using single dimensional array. 6
- (b) Explain array of pointers with example. 6