B.C.A. Ist Semester Examination, 2021-22

Paper – First

[Programming In C]

Paper Code- BC-151

Time : 02:30 Hours]   [Maximum Marks : 70

Note : Attempt any five question. All question carry equal marks.

1. (a) Explain the feature of C programming with an example.   7

   (b) Discuss different type of storage class with example.   7

2. (a) Differentiate between structure and object oriented language.   7

   (b) Discuss enumeration data type with help of example.   7

3. (a) Write about the classification of pointer.   7

   (b) Write a simple C program to find weather a number is prime or not.   7

4. (a) Differentiate between call by value and call by reference.   7

   (b) Explain the control statement in C programming. 7

5. (a) Write a C program to find the largest and smallest elements in an array.   7

   (b) Differentiate between Structure and Union with example.   7

6. (a) What is the Dynamic Memory allocation? Explain Malloc, Calloc and Free function.   7

   (b) Explain the any four types of operators with example.   7

7. Explain any two type of function:

   (a) Function with no argument and with return value

   (b) Function with argument and with return value

   (c) Function with no argument and with no return value

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