

**II/BCA/203 P**

**2015**

**( 2nd Semester )**

**BACHELOR OF COMPUTER APPLICATIONS**

Paper No. : BCA-203 P

**( Data Structure using C )**

**(Practical)**

*Full Marks : 75*

*Time : 3 hours*

*The figures in the margin indicate full marks  
for the questions*

**Answer any two questions from Section—A and  
any one question from Section—B**

**SECTION—A**

**( Marks : 30 )**

1. Write a C program to find the total and average of a given array of 5 elements. 15
2. Write a C program to search a given number in an array using Binary Search. 15
3. Write a C program to arrange an element in ascending order using insertion sort. 15

( 2 )

SECTION—B

( Marks : 20 )

4. Write a C program to implement stack operation such as PUSH, POP and DISPLAY by using linked list. 20
5. Write a C program to implement singly-linked list by showing its various operations such as adding a node, deleting a node and displaying the contents of the node. 20

SECTION—C

( Marks : 25 )

6. Viva 15
7. Practical Record 10

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