

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

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
