Set – A

Code: 8450

Second Year B.Sc. (I.T.)

Paper – 206: Practical & Viva

APRIL – 2017

Time: 3 Hours

Total Marks: 100

Q.1 Create a class "Employee" which contains the following data [50]
members: Emp_id, Emp_name, salary, dept, comm.
The class should contain the following member functions:
getdata() : for input employee information
commission(): for calculating commission as per the given conditions
  if salary >= 50000, comm = 10% of salary
  if salary >= 30000 and <50000, comm = 5% of salary
  if salary >= 20000 and <30000, comm = 3% of salary
  otherwise no commission.
putdata(): for display the employee information.

Q.2 Write a program to perform all operations on simple queue using link [50]
list.

Second Year B.Sc. (I.T.)

Paper – 206: Practical & Viva

APRIL – 2017

Time: 3 Hours   Total Marks: 100

Q.1   Create a class "string" to represent character string. Write a C++   [50]
      program to perform following string operations:
      (i) Read string   (ii) Print string   (iii) Convert string into uppercase
      (iv) Convert string into lower case (v) To reverse a string

Q.2   Write a program to sort a string array using bubble sort in ascending   [50]
      and descending order as per the choice.