BCA SEMESTER-III PRACTICAL EXAMINATION NOV-DEC-2017

Date: 04/12/2017   Code: BCA-CC-307   Time: 09 to 12

Subject: 307   Marks: 100

SET 1

Q-1	Write a menu driven program to **traverse the tree** according to user's choice. 1. In order 2. Pre order 3. Post order	25
Q-2	Write a c program to perform following **queue operation using Array.** 1. create 2. insert 3. delete 4. display	25
Q-3	Write a c++ program to overload "+" operator and perform concatenation of any two string using **friend function.**	25
Q-4	Write a c++ program as per following information 1. Create a class **STUDENT** which contains data members such as name, id, per, and college_name. 2. Input any 10 records using member function get_data(). 3. Sort records as per college_name using member function sort(). 4. Display records in appropriate format using display()	25

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SET-2

Q-1	write a c program to perform all operations of **STACK using linked list**	25
Q-2	Write a c program to input any 10 elements and sort using **quicksort technique**	25

Q-3	Write a c++ menu based program as per in following information
	1. create class **ACCOUNT** which contains data members such as acc_no,name,bal.
	2. to provide following facility
	   a. deposite()
	   b. withdraw()
	   c. display()
	   Perform above operation until user want to exit. If withdraw amount is larger than main balance then give appropriate message.
		25

Q-4	Write a c++ program to create class **STUDENT** which contains data members such as s_name,s_roll. And appropriate method getting data. Create class **TEST** which derived from **STUDENT**, it contains members such as marks of sub1 and sub2. To define appropriate method for getting data. Create another class called **RESULT** which derived from class **TEST** which contains member such as total_marks. It also contains an appropriate method for calculating total_marks and display all the information of the student.	25