

24 OCT 2019

Practical Examination Oct- 2019
B.C.A SEM-III

Date : 24-10-2019

Code - 20634

Time : 09:00 to 12:00

Subject : 307 - Practical

Marks : 100

Set – 13

- Q-1** Write a program to display values in Circler Queue using array. **[30]**
- Q-2** Write a program that accept 10 values from user and sort it using Merge sort and display sorted list. **[20]**
- Q-3** Create a C++ program that contains a class SUPPLY. It has city, total_sales and sales_person as data members. Now, create two classes Ahemdabad and Jamnagar which inherit class SUPPLY. Now calculate and display sales person requirement in particular city according to the following conditions **[30]**
- (1) 2 sales person can only sale upto 20000.
 - (2) More than 20000 sales, appoint new sale person.
 - (3) If sales is less than 5000 no new appointment of sale person.
- Q-4** Write a C++ program to overload << operators. **[20]**

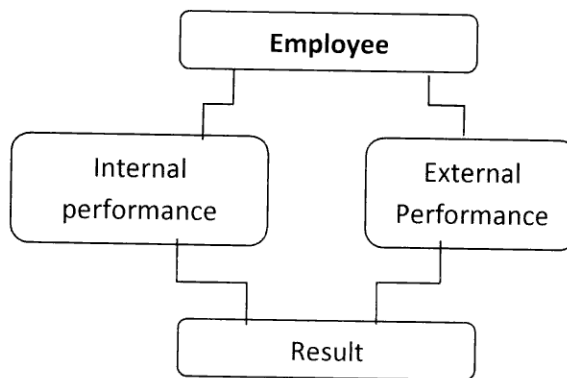
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Subject : 307 - Practical**Time : 09:00 to 12:00****Marks : 100****Set – 14**

- Q-1** Write a C program to update and delete on queue using link list. [30]
- Q-2** Write a C program that accept 8 values from user and sort it in Z to A order using bubble sort and display all values after sort. [20]
- Q-3** Write a C++ program for below inheritance. Here result class should display total of External and Internal performance points. [Use Virtual Function]. [30]



[You are free to take data members and member functions]

- Q-4** Write a C++ program that define a class “student”. “student” includes st_no, name, address, phone, course as data members. Use the constructor overloading and display all the information about student. [20]