**KGiSL INSTITUTE OF TECHNOLOGY: COIMBATORE**

(Approved by AICTE & Affiliated to Anna University, Chennai)

NAME : …………………………………………….…….

REG NO : …………………………………………………..

SUBJECT : …………………………………………………..

COURSE : …………………………………………………..

**Dept. of Computer Science and Engg.**

**KGiSL Institute of Technology**

**Saravanampatti, Coimbatore-35**

**KGiSL INSTITUTE OF TECHNOLOGY: COIMBATORE**

(Approved by AICTE & Affiliated to Anna University, Chennai)

**CS6311 Programming and Data Structure Laboratory - II**

NAME : CLASS :

UNIVERSITY REG NO :

Certified that, this is a bonafide record of work done by …………………………………………………………. of **Computer Science & Engineering** branch in **Programming and Data Structure Laboratory - II**, during **Third** semester of academic year 2016-2017.

**Faculty Head of the Department**

Submitted during Anna University Practical Examination held on ………….………. at KGiSL Institute of Technology, Coimbatore – 641 035.

**Internal Examiner External Examiner**

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**Ex No: 1 (a) CONSTRUCTORS & DESTRUCTORS**

**Date :**

**AIM**

To write and execute a C++ program using the concept of constructors and destructors to create student details using the following items:

a) Name of the student

b) Roll no. of the student

c) Height of the student

d) Weight of the student

**ALGORITHM**

Step 1: Start the program.

Step 2:

Step 3:

Step 4:

Step 5:

Step 6:

Step 7:

Step 8:

Step 9: Stop the program.

**SOURCE CODE**

#include<iostream>

using namespace std;

class student

{

**OUTPUT**

**RESULT**

Thus the C++ program using the concept of constructors and destructors has been written, executed and verified successfully.

**Ex No: 1 (b) COPY CONSTRUCTOR**

**Date :**

**AIM**

To write and execute a C++ program using the concept of copy constructor to display the date, month and year.

**ALGORITHM**

Step 1: Start the program.

Step 2:

Step 3:

Step 4:

Step 5:

Step 6:

Step 7:

Step 8:

Step 9: Stop the program.

**SOURCE CODE**

#include<iostream>

using namespace std;

class student

{

**OUTPUT**

**RESULT**

Thus the C++ program using the concept of copy constructor has been written, executed and verified successfully.