Everest Engineering College Sanepa-2, Lalitpur

Date	of	distribution:	••	 •	•	 •	•
Date	of	submission:.					

Subject: Object Oriented Programming in C++

Lab-6

Title: Dynamic memory allocation

Objective:

- To be familiar with Dynamic memory allocation with C++
- To be familiar with Dynamic constructor and Dynamic initialization of Object

Theory:

- Dynamic memory allocation by new and delete operator
- Dynamic Constructor
- Dynamic initialization of Object

Lab exercises (please code yourself and show the output to instructor)

- 1. Write a C++ program to show new and delete operator example
- 2. Write a program to input 10 integers and find the greatest one using DMA.
- 3. WAP to find the sum of n numbers Entered by user using Dynamic Memory Allocation in C++.
- 4. Write a simple program using of dynamic memory allocation which should include calculation of marks of 3 subjects of n students and displaying the result as pass or fail & name, roll. Pass mark is 45 out of 100 in each subject.
- 5. Write a program to add two complex numbers by using dynamic constructor.
- 6. Write a program to add two distances given in km and m using dynamic constructor.
- 7. Write a program to add two height objects given in feet and inch by using dynamic initialization of object.