

Kathmandu University
Department of Computer Science and Engineering
COMP 116 First Internal Examination 2025

Group: CE (I/II)

Time:1 Hr.

F.M.: 20

Attempt all questions. (5*4=20)

Set: A

1. What do you mean by function? Illustrate the difference between pass by value and pass by reference.
2. What do you mean by Function Overloading? Illustrate with a program example.
3. Differentiate between constructors and destructors. Describe the different types of constructors with suitable examples.
4. Overload `==` and `!=` Operators for a Time Class with the following:
 - a. Create a class Time with data members hours and minutes.
 - b. Overload the `==` and `!=` operators to compare two Time objects.
 - c. Display whether the two time objects are equal or not.