

Kathmandu University

COMP 116

Internal - I, June 2024

FM: 10

Time: 1 hour

SET- C

PM: 4

Answer all the questions:

1. How is a reference variable different from a regular variable? Mention the uses of reference variables. [1+1]
2. What are the two necessary conditions for function overloading? [2]
3. What are access modifiers? How do private and public access modifiers differ? [2]
4. Write a program in OOP paradigm that creates a class called *Teacher* with data members *phone[int]* and *name[string]*. Declare methods to take input and display the data. Define the method to display the data outside the class. [4]