

KATHMANDU UNIVERSITY
End of Semester Examination
August/September, 2017

Marks Scored :

Level : B.E./B. Sc./B. Tech.

Year : I

Exam Roll No. :

Time: 30 min

Course : COMP 116

Semester : II

F. M. : 10

Registration No.:

Date SEP 14 2017

SECTION "A"

[20Q × 0.5 = 10 marks]

Tick (✓) the most appropriate answer.

- Which of the following reuses and shares data as well as code?
 Abstraction Inheritance Encapsulation Polymorphism
- Which one of the followings eliminates the copying of objects parameters back and forth?
 Static variable Reference variable
 Global variable Local variable
- Which one of the followings is *false* regarding static data member?
 It has similar characteristics to a normal static variable
 It is visible only within the class
 Its life time is the entire program
 All compilers automatically initialize a static data member
- _____ only destroys object but not associated resources.
 Default destructor None
 Explicitly called destructor Both
- While overloading binary operator using friend function the arguments is passed by _____.
 value reference both none
- When we derive multiple classes from a single class we called it _____ inheritance.
 single multi-level hierarchical multiple
- Accessibility can be done by _____ ways.
 three two four five
- To initialize the member elements in the base class the arguments required should be passed through an object of _____.
 base class derived class both none
- Operator overloading is an example of _____ polymorphism.
 compile-time run-time both none

