1. **If data members are private, what can we do to access them from the class object?**a) Create public member functions to access those data members  
   b) Create private member functions to access those data members  
   c) Create protected member functions to access those data members  
   d) Private data members can never be accessed from outside the class
2. **Which feature can be implemented using encapsulation?**a) Inheritance  
   b) Abstraction  
   c) Polymorphism  
   d) Overloading
3. **Method overriding is combination of inheritance and polymorphism?**a) True  
   b) false
4. **What is downcasting?**a) Casting subtype to supertype  
   b) Casting supertype to subtype  
   c) Casting subtype to super type and vice versa  
   d) Casting anytype to any other type
5. **Which among the following is a mandatory condition for downcasting?**a) It must not be done explicitly  
   b) It must be done implicitly  
   c) It must be done explicitly  
   d) It can’t be done explicitly
6. **What happens when the following program is compiled and run?**

**Note: The classes Vehicle and Car are in two separate files, namely Vehicle.java and Car.java:**

class Vehicle

{

int id = 120;

public int getId()

{

return id;

}

}

public class Car extends Vehicle

{

int id = 100;

public int getId()

{

return(id - 20);

}

public static void main(String[] args)

{

Vehicle vc = new Car();

Car car = (Car) vc;

System.out.print(car.id + ", " + car.getId());

}

}

A. 120, 100

B. 120, 120

C. 100, 100

D. 120, 80

E. 100, 80

1. **What is auto widening and explicit narrowing.?**
2. **What is the limitation of using varargs?**