

Choose the correct answer in each drop-down list:

A class can implement more than one interface.

_____ is a contract which the implementing class should adhere to.

- ☐ A Class
- ☐ A Package
- ☐ An Abstract class
- ✓ ☒ An Interface

All methods in an interface are by default _____

- ☐ public and static
- ✓ ☒ public and abstract
- ☐ abstract
- ☐ public and final

A class can extend _____ and implement _____

- ☐ many classes, many interfaces
- ☐ only one class, only one interface
- ☐ many classes, only one interface
- ✓ ☒ only one class, many interfaces

When a class that implements the interface does not provide implementation for all the methods in the interface, then that class _____.

- ✓ ☒ should be declared as abstract class
- ☐ should be declared as final class
- ☐ should be made as an interface
- ☐ should be made as public interface

Drag and drop the words to their places:

A class can Extend only one class and implement one or more interfaces

Assume an interface Bluetooth implemented by the class Samsung.

```
Bluetooth b=new Samsung();
```

```
b.sendFile();
```

Here sendFile() Is an abstract method in Bluetooth implemented by Samsung.

What does the above code depict?

- ☒ Compile time Polymorphism
- ☒ Run time Polymorphism
- ☐ Both Run time and Compile time Polymorphism

A default method is _____ by default.

- ☐ protected
- ☐ private
- ☒ public
- ☐ default

A static method in an interface can be accessed _____.

- ☐ only by interface reference
- ☐ either by interface name or interface reference
- ☒ only by the interface name

State true or false.

Default methods in an interface should have method body.

- ☒ True
- ☐ False