1) Which inheritance is not supported in java?

A) Single inheritance

B) Hybrid inheritance

C) Multilevel inheritance

D) Java supports all of the above

2) Which is a mechanism in which one object acquires all the properties and behaviors of parent object?

A) Inheritance

B) Encapsulation

C) Polymorphism

D) None of the above

3) The following Syntax is used for?

class Subclass-name extends Superclass-name

{

//methods and fields

}

A) Polymorphism

B) Encapsulation

C) Inheritance

D) None of the above

4) If subclass (child class) has the same method as declared in the parent class, it is known as?

A) Method overriding

B) Method overloading

C) Constructor overloading

D) None of the above

5) In Method overriding a subclass in a different package can only override the non-final methods declared public or protected?

A) True

B) False

6) Which allows you define one interface and have multiple implementations?

A) Encapsulation

B) Inheritance

C) Polymorphism

D) None of the above

7) Which type of polymorphism is nothing but the method overloading in java?

A) Compile time polymorphism

B) Runtime polymorphism

C) Static polymorphism

D) Both A & C

8) Which is a perfect example of runtime polymorphism?

A) Method overloading

B) Method overriding

C) Constructor overloading

D) None of the above

9) The following two rules are defined by?

1. The parameters may differ in their type or number, or in both.

2. They may have the same or different return types.

A) Method overloading

B) Method overriding

C) Constructor overloading

D) None of the above

10) Which method cannot be overridden?

A) Final Method

B) Final class

C) Final Variable

D) Both A & C

11) A final class not to be inherited?

A) True

B) False

12) A class which cannot be instantiated is known as?

A) Abstract Class

B) Abstract Method

C) Both A & B

D) None of the above

13) An abstract class has no use until unless it is extended by some other class?

A) True

B) False

14) The following syntax is a declaration for?

abstract return\_type ();//no braces{}

A) Abstract Class

B) Abstract Method

C) None of the above

15) Multiple inheritances is not supported in case of class but it is supported in case of interface?

A) True

B) False

16) By interface, we cannot support the functionality of multiple inheritances?

A) True

B) False

17) Which keyword is used by classes to implement an interface?

A) import

B) implements

C) instance of

D) None of the above

18) An interface is a blueprint of a class. It has static constants and abstract methods?

A) True

B) False

Q1.

/\*

Find the largest digit from the number

input : 24376

output : 7

\*/

Q2

/\*

given super number 'a' and normal number 'b'. check if the given number b is in the same

sequence of a

if yes print 1 otherwise print 0.

for other boundary conditions print -1

for example:

input =

12345

45

output =

1

\*/

Q3.