**Assesment:01**

1.Is java is purely object oriented programming lang?

Ans= No JAVA is not purely object oriented programming language because it contain primitive data type, the static keywords, wrapper class.

2.find the output:

system.out.println(20+30+"purnia"); system.out.println("purnia"+20+30); system.out.println("purnia"+20\*30);

Ans=

50purnia

purnia2030

purnia600.

3. What is a Constructor?

Ans= A constructor in Java is similar to a method that is invoked when an object of the class is created. In a JAVA we can say that a constructor has the same name as that of the class and does not have any return type.

Type of Constructor:

1 .No-Arg Constructor= If a constructor does not accept any parameters, it is known as a no argument constructor.

2.Parameterized Constructor=This Constructor is defined by user which means the parameter of this constructor is set by user.

3.Default Constructor=It is pre define constructor which value is already define which is 0. When do not use parameterised constructor then java call its pre define constructor which is 0.

3. what is overriding?

Ans= Method overriding is used to provide the specific implementation of the method that is already provided by its super class.

In case of method overriding, parameter must be same.

Method overriding is the example of run time polymorphism.

4.what is overloading?

Ans= Method overloading is performed within class.

In case of method overloading, parameter must be different.

Method overloading is the example of compile time polymorphism.