1. how to create an object in java?

Ans. using new operator.

Ex. Scanner age= new scanner();

2. what is the use of a new keyword in java?

Ans. New keyword is use in java to create an object.

3.what are the type of variable in java?

Ans. on the basis of behavior the variable is 3 types-

a. instance

b. static

c. local

on the basis of value the variable is two type –

a. primitive

b. reference type.

4. What are the difference between instance variable and local variable?

Ans. IF the value of variables varied from one variable to another than the variable is konown as Instance variables it is defines outside of the method and inside the class .

The variable which make for temporary use known as Local variables is it defines inside of the method .

5. In which memory is allocated instance variable and local variables?

Ans. instance variable is located in heap memory,

And local variable is allocated in stack memory.

6. What is method overloading?

Ans. Two methods are called overloaded if and only if both have the same name but different argument types.