1) Which variables are created when an object is created with the use of the keyword 'new' and destroyed when the object is destroyed?
A) Local variables
B) Instance variables
C) Class Variables
D) Static variables

2) Static fields belong to the class, not instances of the class?
A) True
B) False

3)
```
public class Test{
    public int a = 10;

    public void display() {
        int a = 20;
        System.out.println(this.a);
    }

    public static void main(String[] args) {
        Test s = new Test();
        s.display();
    }
}
```

what is the output of about program?.
a) Compiletime error
b) 20
c) Runtime error
d) 10

4) which memory is occupied by instance variables?.
 a) heap memory
 b) static memory
 c) stack memory
 d) none of above.

5)
```
public class Student{
    public static int a = 10;

    public static void display() {
        int a = 20;
        System.out.println(a);
    }

    public static void main(String[] args) {
        Studen s = new Student();
        s.display();
    }
}
```

what is the output?.
a) Compiletime error
b) 20
c) Runtime error
d) 10