1. what will happen if you attempt to compile and run following program?

public class test12 implements Runnable

{

void run()

{

System.out.println("in run");

}

public static void main(String args[])

{

Thread t=new Thread();

t.start();

}

}

* 1. output “in run”
  2. no error no output
  3. compilation error
  4. exception : “IllegalThreadStateException”

2) what is the class name of the exception thrown by an assertion statement?

Select one correct answer

1. FailedAssertion
2. Depends on the assertion statement
3. AssertionException
4. AssertionError
5. RuntimeException
6. Error

3) Given the following method,which statements will throw an exception,assuming assertions are enabled?

static int decide(int val)

{

assert val > -4 : val< 30;

return 15/val;

}

Select two correct answers

1. decide(25);
2. decide(-5);
3. decide(30);
4. decide(0);

4) Given the following code,what can be said about the statement s=(sub)b ?

class base

{

}

class sub extends base

{

}

public class test12

{

public static void main(String args[])

{

base b=new base();

sub s=new sub();

s=(sub)b;

}

}

1. legal at compile time but illegal at runtime
2. illegal at compile time
3. legal at compile and runtime ,but (sub) cast is not needed
4. legal at compile and runtime ,but (sub) cast is strictly needed.

5) what is the name of the interface used to represent collections that maintain non-unique elements in order?

Select the one correct answer

1. Set
2. List
3. Collection
4. SortedSet
5. Sequence

6) In case of TCP following class allows server to wait for client

1. Socket b) DatagramSocket c) ServerSocket d) DatagramPacket
2. select a true statement
3. if a thread wants to call wait() on an object,the thread must own that object’s lock.
4. There is a method that you can call on an instance of the Thread class that puts the instance to sleep for a specified number of milliseconds.
5. At the moment when a thread is notified,it automatically gets the lock of the object for which it was waiting.
6. which of the following statements are true? Select two correct answers
7. you can directly read ints and floats from a FileReader
8. you can directly read text from a FileReader
9. you can directly write longs and shorts to a FileWriter
10. you can directly read text from a RandomAccessFileReader
11. you can directly write text to a FileWriter.