Sample question paper of JAVA PROGRAMMING

Q1. What is false about constructor?

A. Constructors cannot be synchronized in Java
B. Java does not provide default copy constructor
C. Constructor can have a return type
D. “this” and “super” can be used in a constructor

Q2. What is true about protected constructor?

A. Protected constructor can be called directly
B. Protected constructor can only be called using super()
C. constructor can be used outside package
D. protected constructor can be instantiated even if child is in a different package

Q3. What do you mean by nameless objects?

A. An object created by using the new keyword.
B. An object of a superclass created in the subclass.
C. An object without having any name but having a reference.
D. An object that has no reference.

Q4. What will be the output of the following Java program?

```
class string_class
  {
     public static void main(String args[])
     {
        String obj = "hello";
        String obj1 = "world";
        String obj2 = obj;
        obj2 = " world";
        System.out.println(obj + " " + obj2);
     }
  }
```

A. hello hello
B. world world
C. hello world
D. world hello

Q5. Which of these methods is used to find out that a thread is still running or not?

A. run()
B. Alive()

C. isAlive()
D. checkRun()

Q6. What is the default value of the priority variable MIN_PRIORITY AND MAX_PRIORITY?

A. & 256
B. 0 & 1
C. 1 & 256
D. 1 & 10

Q7. Which of these keywords are used to implement synchronization?

A. Synchronize
B. Syn
C. Synch
D. synchronized

Q8. What will be the output of the program?

```
int i = (int) Math.random();
```

A. 0
B. 1
C. value of i is undetermined
D. Statement causes a compile error

Q9. An interface with no fields or methods is known as a _____.

A. Runnable Interface
B. Marker Interface
C. Abstract Interface
D. CharSequence Interface

Q10. Which option is false about the *final* keyword?

A. A *final* method cannot be overridden in its subclasses.
B. A *final* class cannot be extended.
C. A *final* class cannot extend other classes.
D. A *final* method can be inherited.