

Programmig in Java Quiz 1 (6th sem A & B sec Programming in Java)

All questions are mandatory

* This form will record your name, please fill your name.

1. Which of the following option leads to the portability and security of Java?
(1 Point)

- Bytecode is executed by JVM
- The applet makes the java code secure and portable
- use of Exception handling
- Dynamic binding between answers

2. What is byte code in Java?
(1 Point)

- Code generated by a Java Compiler
- Code generated by a JVM
- Name of Java Source Code file
- Block of code written inside a class

3. What is inheritance?

(1 Point)

- It is the process where one object acquires the properties of another.
- inheritance is the ability of an object to take on many forms.
- inheritance is a technique to define different methods of same type.
- None of the above.

4. What is true about a final class?

(1 Point)

- class declared final is a final class.
- Final classes are created so the methods implemented by that class cannot be overridden.
- It can't be inherited.
- All of the above.

5. Which option is false about the final keyword?

(1 Point)

- A Final method cannot be overridden in its subclasses
- A final class cannot be extended
- A final class cannot be extend other classes
- A final method can be inherited

6. Can be Constructor made final

(1 Point)

- True
- False

7. What is polymorphism?

(1 Point)

- Polymorphism is a technique to define different objects of same type.
- Polymorphism is the ability of an object to take on many forms.
- Polymorphism is a technique to define different methods of same type.
- None of the above.

8. What is byte code in Java?

(1 Point)

- Code generated by a compiler
- Code generated by the Java Virtual Machine
- Name of the Java Source Code File
- Block of code written inside a class

9. Which one the following is used to find and fix bugs in the java programs.

(1 Point)

- JVM
- JRE
- JDK
- JDB

10. What is the size of the float variable?

(1 Point)

- 8 bit
- 16 bit
- 32 bit
- 64 bit

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Programming in Java quiz-2 (6th sem A & B sec Programming in Java)

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1. Package in Java is a mechanism to encapsulate a

(1 Point)

- Classes
- Sub Packages
- Interfaces
- All of the above

2. Which of these keywords is used to define packages in Java?

(1 Point)

- pkg
- Pkg
- package
- Package

3. Which of the following is the correct way of importing an entire package "pkg"?
(1 Point)

- import pkg.
- Import pkg.
- import pkg.*
- Import pkg.*

4. An _____ statement can be used to access the classes and interface of a different package from the current package.
(1 Point)

- instanceof
- import
- implement
- extends

5. What is multithreaded programming?
(1 Point)

- It's a process in which two different processes run simultaneously
- It's a process in which two or more parts of same process run simultaneously
- It's a process in which many different process are able to access same information
- It's a process in which a single process can access information from many sources

6. Which of these are types of multitasking?

(1 Point)

- Process based
- Thread based
- Process and Thread based
- None of the mentioned

7. From the following method which method can not cause a thread to go into a blocked state?

(1 Point)

- yield()
- suspend()
- wait()
- sleep

8. The priority of a thread can be got by.....method.

(1 Point)

- priority
- getpriority
- setpriority
- threadpriority

9. To resume a thread after suspending it.....method is used
(1 Point)

- resume()
- restart()
- run()
- start()

10. A dead thread
(1 Point)

- is discarded
- must wait until all other threads execute before it is restarted
- can not be restarted
- is synchronized

11. In java a thread can be created by

(1 Point)

- Extending the thread class
- Implementing Runnable interface
- Both of a and b
- None of these

12. The `isAlive()` method is used to.....

(1 Point)

- Know whether a thread is running or not
- Know whether a thread was created or not
- Create a thread after stopping it.
- Resume a thread after blocking it.

13. To set default priority of a thread which constant can be used?

(1 Point)

- `DEF_PRIORITY`
- `DEFAULT_PRIORITY`
- `NORM_PRIORITY`
- `NORMAL_PRIORITY`

14. Thread priority in Java is?

(1 Point)

- Integer
- Float
- double
- long

15. What is the priority of the thread in the following Java Program?

```
class multithreaded_programing
{
    public static void main(String args[])
    {
        Thread t = Thread.currentThread();
        System.out.println(t);
    }
}
```

(1 Point)

- 4
- 5
- 0
- 1

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