

Quiz 1

This quiz compose of 15 Questions and students are required to answer all Question within the time frame.

1. Which of the following code should we use if we want to ask the user for an input? *

- JOptionPane.showInputDialog(null,"Message");
- JOptionPane.showMessageDialog(null,"Message");
- JOptionPane.showOptionDialog(null,"Message");
- JOptionPane.showConfirmDialog(null,"Message");

2. Assume you have created a class named "Cat" that contains a data member named "weight" and a method names "setWeight()". Further assume the "setWeight()" method accepts a numerical parameter named "catWeight". Which of the following statements correctly sets a Cat's weight within the "setWeight()" method? *

- weight = catWeight;
- catWeight = weight;
- weight = catWeight();
- catWeight = weight();

3. Overloaded methods consist of the following rules.
Please select your answer(s). *

- They can have a different number of parameters
- Their parameters are of different data types when the number of parameters are the same
- They dont have a return type
- The return type must be the same.

4. A constructor is a special method that has the following features. Please select your answer(s). *

- Same name as the class itself.
- Invoked using the new operator when an object is created.
- Do not have a return type (not even void).
- Constructors play the role to initialize the default value for all data members.

5. Which of the following is TRUE? Please select your answer(s). *

1 point

- The more comments in a program, the faster the program runs.
- Instance variable names may only contain letters and digits
- In java, an instance field declared public generates a compilation error.
- "int" is the name of a class available in the package java.lang
- A class has always a constructor (possibly automatically supplied by the java compiler)

6. Select the correct order of the declarations in a Java program. *

- Package declaration, import statement, class declaration
- Class declaration, import statement, package declaration
- Import statement, class declaration, package declaration
- Class declaration, package declaration, import statement
- Import statement, package declaration, class declaration

7. Which of the following is NOT a Java Keyword? *

- Integer
- static
- new
- extends

8. Can we have two public classes in one Java file?

- False
- True

9. Which of the following is true about public access modifier? *

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- Variables, methods and constructors which are declared public can be accessed by any class
- None of the option.
- Variables, methods and constructors which are declared public in the superclass can be accessed only by its child class
- Variables, methods and constructors which are declared public can be accessed by any class lying in same package

10. Which of these statement is incorrect?

- Every class must contain a main() method.
- Applets do not require a main() method at all.
- There can be only one main() method in a program.
- main() method must be made public.

11. Which of the following statement is correct? *

- Public method is accessible to all other classes in the hierarchy
- Public method is accessible only to subclasses of its parent class
- Public method can be accessed by calling object of the public class.
- Public method can only be called by object of its class

12. What is the return type of a method that does not returns any value? *

- String
- double
- void
- float
- int

13. What is Abstraction? *

- None of the option given.
- It refers to the ability to make a class abstract in OOP
- Abstraction is the ability of an object to take on many forms
- Abstraction is a technique to define different methods of same type.

14. To prevent any method from overriding, we declare the method as: *

- abstract
- static
- none of the answers
- const
- final

15. Which keyword from the following is used to inherit properties from one class into another? *

- native
- subclasses
- extends
- all of the mentioned