

Quiz1(OOP)

Time: 30 Minute

Max Marks:10

- Q1. Which class cannot be a subclass in java
A. abstract class B. parent class **C. Final class** D. None of above
- Q2. String is the predefined
A. Method **B. Class** C. Variable D. Object
- Q3. super is the predefined
A. Keyword B. Method C. Keyword and Method D. None of above
- Q4. Which method of java is invoked by JVM to reclaim the inaccessible memory location
A. reclaim() B. final() **C. finalize()** D. both b and c
- Q6. Which keyword represents object of the present class
A. interface B. package **C. this** D. static
- Q7. Which method can't be overridden
A. super B. static **C. final** D. println
- Q8. Which of the following statements is true?
A. A static variable cannot be initialized in a constructor
B. A static variable must be declared final
C. An instance variable can't be declared final
D. A static method can't access an instance variable
E. Only a static method can access a static variable
- Q9. A class member declared protected becomes member of subclass of which type?
A) public member **B) private member** C) protected member D) static member
10. What is the return type of Constructors?
A) int B) float C) void **D) None of the mentioned**
11. Which of these is used to access member of class before object of that class is created?
A) public B) private **C) static** D) protected
12. Which of these class relies upon its subclasses for complete implementation of its methods?
A) Object class **B) abstract class** C) Array class D) None of the mentioned
13. Which of the following is incorrect statement about packages?
A. Package defines a namespace in which classes are stored.
B. A package can contain other package within it.
C. Java uses file system directories to store packages.
D. A package can be renamed without renaming the directory in which the classes are stored.
14. Which of the following package stores all the standard java classes?
A) lang B) java C) util D) java.packages

<p>Q1.1</p> <pre>switch(x) { default: System.out.println("Hello"); }</pre> <p>Which are acceptable types for x?</p> <p>byte, long, char float, Short, Long</p>	<p>Q1.2 Which four options describe the correct default values for array elements of the types indicated?</p> <ol style="list-style-type: none"> 1. int -> 0 2. String -> "null" 3. Dog -> null 4. char -> '\u0000' 5. float -> 0.0f 6. boolean -> true
<p>Q1.3 public void test(int x)</p> <pre>{ int odd = 1; if(odd) { System.out.println("odd"); } else { System.out.println("even"); } }</pre> <p>Which statement is true?</p> <p>A. Compilation fails. B. "odd" will always be output. C. "even" will always be output. D. "odd" will be output for odd values of x, and "even" for even values.</p>	<p>Q1.4 public class While</p> <pre>{ public void loop() { int x= 0; while (1) { System.out.print("x plus one is " + (x + 1)); } } }</pre> <p>Which statement is true?</p> <p>A. There is a syntax error on line 1. B. There are syntax errors on lines 1 and 6. C. There are syntax errors on lines 1, 6, and 8. D. There is a syntax error on line 6.</p>
<p>Q1.5 Which one is a valid declaration of a boolean?</p> <p>A. boolean b1 = 0; B. boolean b2 = 'false'; C. boolean b3 = false; D. boolean b4 = Boolean.false(); E. boolean b5 = no;</p>	<p>Q1.6 Which three are valid declarations of a float?</p> <p>float f1 = -343; float f2 = 3.14; float f3 = 0x12345; float f4 = 42e7; float f5 = 2001.0D; float f6 = 2.81F;</p>
<p>Q1.7 What is the numerical range of a char?</p> <p>A. -128 to 127 B. -(2¹⁵) to (2¹⁵) - 1 C. 0 to 32767 D. 0 to 65535</p>	<p>Q1.8 Which is the default package in Java which automatically imported in every Java program?</p> <p>Java.lang</p>
<p>Q1.9 JVM stands for</p> <p>A. Java Verified Machine B. Java Virtual Machine C. Java Very large Machine D. Java Very small Machine</p>	<p>Q1.10 JRE stands for</p> <p>A. Java Real Environment B. Java Rapid Enterprise C. Java Runtime Environment D. None of the above</p>