

Indian Institute of Information Technology Sri City, Chittoor
Object Oriented Programming Scheduled Quiz I
SET A

Maximum Marks: 15

Date: 03/09/2024

NAME:----- Roll No.----- Section :-----

Instructions :

1. Write your name, roll no and Section in the space given above
2. Choice of the Answers should be filled **ONLY** in the table given at the end of the questions.
3. Overwritten or illegible answers **will not be considered** for evaluation.

Answer All Questions:

1. Which of the following statements is/are TRUE in JAVA?
 - a. It is an error to reassign values to final variables
 - b. It is an error to reassign values to static variables
 - c. Both A & B
 - d. None of the Above
2. Which of the following is/are TRUE in JAVA:
 - a. Private variables have package access
 - b. Static variables can be accessed by non static member functions directly
 - c. Both A & B
 - d. None of the above
3. What is/are responsible for platform independence in Java:
 - a. Java Virtual Machine
 - b. Byte code generation
 - c. Both A & B
 - d. None of the above
4. Which keyword can be used to add a class to an existing package
 - a. Package
 - b. This
 - c. Both A & B
 - d. None of the Above
5. Which of the following is an example of polymorphism in Java
 - a. Having many constructors for a given class
 - b. Defining object of a class
 - c. Both A & B
 - d. None of the Above
6. Which is the most restrictive and less restrictive access modifier in Java?
 - a. private, protect
 - b. private, public
 - c. default, public
 - d. protect, default
7. Select only true statements from the following statements.
 - (i) An instance variable is a variable whose separate copy is available to each object.
 - (ii) A class/static variable is variable whose single copy in memory is shared by all Objects
 - (iii) Instance variables are created in the objects on heap memory
 - (iv) Class variables are stored on method area
 - a. (i) and (ii)
 - b. (ii) and (iii)
 - c. (iii) and (iv)
 - d. All of the above

8. A final instance variable can be initialized
- In its declaration
 - In an instance initialization block
 - In a constructor
 - In any of the above
9. Select appropriate option about the correctness of the following statements
- Can we use access modifiers for constructors in Java?
 - Constructor name and class name can be different in java?
 - Can we overload constructors in java?
 - Does a constructor have a return type?
- a. Yes, No, Yes, No b. Yes, Yes, No, No c. No, Yes, No, Yes d. No, No, Yes, Yes
10. Which of the following is the correct syntax to take a character input from a user using a Scanner class object Sc.
- Sc.nextChar()
 - Sc.nextLine()
 - Sc.next();
 - Sc.next().charAt(0)
11. Which of the following statements are correct?
- JVM is responsible for converting bytecode into machine code.
 - JDK includes both a compiler and a runtime environment.
 - The primary function of JRE is Execution
- a. I & II b) II & III c) all of them d) none of them e) I & III
12. Which of the following statements are wrong?
- constructor name and class name can be different in java.
 - constructors can not be overloaded in java.
 - constructors return integer data types.
- a. I & II b. II & III c. all of them d. none of them e. I & III
13. Which of the following statements are incorrect?
- static methods can call other static methods only
 - static methods must only access static data
 - static methods can not refer to this or super in any way
 - when object of class is declared, each object contains its own copy of static variables
14. Which keyword is used to define a constant variable in Java?
- Final
 - Static
 - Const
 - this
15. Which of the following is not a Java feature?
- Dynamic
 - Architecture Neutral
 - Use of pointers
 - Object-oriented

Answers:

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
a	b	c	a	a	b	d	d	a	d	c	c	d	a	c