
	Selvam College Of Technology, Namakkal (Autonomous) IT Support & Development Training Programme (ISDTP)		
Worksheet -1 (Class & Object)			
Bundle & Subject Name	Advanced Bundle V2 (2025) - Java Programming V2	Semester	VI

Answer Key

1. What is a class in Java?

- A) static reference B) Template or blueprint
C) Instance of class D) User-defined data type

Ans: B. Template or blueprint

2. In oop, creating an object is also called _____ instantiation.

- A) Class B) Object
C) Inheritance D) Polymorphism

Ans: B. Object

3. A _____ defines the attributes of an object.

- A) Program B) Variables
C) Property D) Class

Ans: D. Class

4. _____ keyword returns a reference to an object that represents an instance of the class.

- A) new B) New
C) NEW D) nEW

Ans: A. new

5. Using which operator is a member of an object accessed?

- A) (->) arrow operator B) (,) comma
C) (;) semicolon D) (.) dot operator

Ans: D. (.) dot operator

6. The new keyword is used for_____.

- A) Allocating memory at runtime.
B) Allocating memory at compile time
C) Releasing memory at runtime
D) Initializing variable

Ans: A. Allocating memory at runtime.

7. A variable, which gets memory at runtime when an object is created is called_____.

- A) Static variable B) Local variable
C) Instance variable D) Global variable

Ans: C. Instance variable

8. What does the state of an object represent?

- A) The methods an object can execute
B) The data (values) stored in the object
C) The unique identity of the object
D) The behavior of the object

Ans: B. The data (values) stored in the object

9. What are the main components of a class?

- A) Attributes and Packages B) Objects and References
C) Methods and Attributes D) Constructors and Destructors

Ans: C. Methods and Attributes

10. When the programmer declares a _____, the object is not created.

- A) Class B) Variable
C) Operator D) Method

Ans: A. Class