
	<b>Selvam College Of Technology, Namakkal</b> <b>(Autonomous)</b> <b>IT Support &amp; Development Training Programme</b> <b>(ISDTP)</b>		
<b>Worksheet -12 (Access Modifiers &amp; Enum)</b>			
<b>Bundle &amp; Subject Name</b>	Advanced Bundle V2 (2025) - Java Programming V2	<b>Semester</b>	VI

### Answer Key

1. What does a public class allow access to?

- A) Only methods
- B) Only fields
- C) Fields, methods, and blocks
- D) Only static members

**Ans: C. Fields, methods, and blocks**

2. Why should the main () method be public?

- A) To avoid errors
- B) To let the Java interpreter run the class
- C) To make the class private
- D) To allow method overloading

**Ans: B. To let the Java interpreter run the class**

3. Which access modifier offers the highest level of access?

- A) public
- B) private
- C) protected
- D) default

**Ans: A. public**

4. Private variables can be accessed outside the class by using:

- A) Inheritance
- B) Public getter methods
- C) Package-private access
- D) Static methods

**Ans: B. Public getter methods**

5. Which of these cannot have a private access modifier?

- A) Class (top-level)
- B) Method
- C) Field
- D) Constructor

**Ans: A. Class (top-level)**

6. Who can access a "protected" member in Java?

- A) Only the class itself
- B) Subclasses and classes in the same package
- C) Only subclasses in the same package
- D) Only private classes

**Ans: B. Subclasses and classes in the same package**

7. What must the file name be for a public class?

- A) Can be any name
- B) Must match the class name
- C) Can be different
- D) Must be the same as the method name

**Ans: B. Must match the class name**

8. Are private members inherited by subclasses?

- A) Yes
- B) No
- C) Only private methods
- D) Only protected members

**Ans: B. No**

9. An ENUM type in Java is like a \_\_\_\_?

- A) Interface
- B) class
- C) abstract class
- D) final class

**Ans: B. class**

10. Which of the following is a suitable use case for enums?

- A) Days, months
- B) Phone numbers
- C) Email addresses
- D) Prices of products

**Ans: A. Days, months**