![logo]	**Selvam College Of Technology, Namakkal (Autonomous)** **IT Support & Development Training Programme (ISDTP)**	![NAAC A]
	Worksheet -6 (Abstraction & Interfaces)	
Bundle & Subject Name	Proficient Bundle V2 (2025) - Interview Skills in Programming V2	**Semester**	VIII

(table continued)

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Answer Key

1. What is hidden during abstraction?

   A) The final output B) The user interaction

   C) The internal working or logic D) class

   Ans: C. The internal working or logic

2. What is an abstract method?

   A) A method with a body

   B) A method without a body

   C) An overridden method

   D) A method with static variables

   Ans: B. A method without a body

3. Can an abstract method be used without being in an abstract class?

   A) Yes B) No

   C) Only in interfaces D) Only in static classes

   Ans: B. No

4. What must a subclass do with an abstract method?

   A) Ignore it B) Implement it

   C) Declare it again as abstract D) Delete it

   Ans: B. Implement it

5. Can you create an object of an abstract class directly?

   A) Yes

   B) No

   C) Only for abstract methods

   D) Only if the class has non-abstract methods

   Ans: B. No

6. Why can an interface in Java not be instantiated?

   A) Because it only contains static constants

   B) Because it contains no method bodies and is abstract by design

   C) Because it represents a HAS-A relationship

   D) Because it does not support multiple inheritance

   Ans: B. Because it contains no method bodies and is abstract by design

7. Why don't you need to write an abstract for methods in an interface?

   A) Because they are abstract by default

   B) Because interfaces don't support abstract methods

   C) Because they are static by default

   D) Because they must be defined fully

   Ans: A. Because they are abstract by default

8. What does a class do with an interface in Java?

   A) A class implements an interface

   B) A class extends an interface

   C) A class cannot use an interface

   D) A class implements another class

   Ans: A. A class implements an interface

9. Which of the following can an interface contain?

   A) Public static final variables

   B) Instance fields

   C) Constructors

   D) Non-static methods with implementation

   Ans: A. Public static final variables

10. Can one interface extend multiple interfaces in Java?

    A) Yes

    B) No

    C) Only if the interfaces have default methods

    D) Only if the interfaces are not abstract

    Ans: A. Yes