SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore – 641 107

An Autonomous Institution

Accredited by NAAC – UGC with 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

23CSB101
OBJECT ORIENTED PROGRAMMING

UNIT II
INHERITANCE, PACKAGES AND INTERFACES

INTERFACE_MCQ

By

M.Kanchana

Assistant Professor/CSE

Which keyword is used to define an interface in Java?

A. class
B. interface
C. implements
D. abstract

Which keyword is used to define an interface in Java?
A. class
B. interface
C. implements
D. abstract

2. Which of the following statements is true about methods declared in an interface (prior to Java 8)?
A. They must have a body.
B. They are implicitly public and abstract.
C. They can be protected.
D. They can be private.

2. Which of the following statements is true about methods declared in an interface (prior to Java 8)?
A. They must have a body.
B. They are implicitly public and abstract.
C. They can be protected.
D. They can be private.

Before Java 8 all methods were implicitly public and abstract, while after Java 8, interfaces can also include methods with bodies using the default and static keywords.

3. What is the default accessibility of variables declared in an interface?
A. private
B. protected
C. public static final
D. public

3. What is the default accessibility of variables declared in an interface?
A. private
B. protected
C. public static final
D. public

4. Which operator is used to check if an object implements a specific interface?

A. equals

B. ==

C. instanceof

D. typeof

4. Which operator is used to check if an object implements a specific interface?

A. equals

B. ==

C. instanceof

D. typeof

5. In Java 8 and later, which of the following can be included in an interface?
A. Default methods with implementation
B. Static methods
C. Both A and B
D. Neither A nor B

5. In Java 8 and later, which of the following can be included in an interface?
A. Default methods with implementation
B. Static methods
C. Both A and B
D. Neither A nor B

6. Which of the following is NOT allowed in an interface?
A. Declaring constants
B. Defining abstract methods
C. Defining a constructor
D. Declaring default methods

6. Which of the following is NOT allowed in an interface?
A. Declaring constants
B. Defining abstract methods
C. Defining a constructor
D. Declaring default methods

7. If a class implements an interface, what must it do?
A. Inherit the interface's variables
B. Implement all of the interface's abstract methods
C. Override the interface's static methods
D. Implement at least one method from the interface

7. If a class implements an interface, what must it do?
A. Inherit the interface's variables
B. Implement all of the interface's abstract methods
C. Override the interface's static methods
D. Implement at least one method from the interface

THANK YOU

INTRODUCTION/ OOPS /KANCHANA MOORTHY/AP/CSE/SNSCE