# Java – Assessment Bank

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\*\*Instructions:\*\* Choose the best answer for each multiple choice question.  
  
1. \*\*What does OOP stand for?\*\*  
 a) Out Of Process  
 b) Object Oriented Programming  
 c) Ordered Object Processing  
 d) Open Object Protocol  
  
2. \*\*Which of the following is NOT a fundamental principle of OOP?\*\*  
 a) Encapsulation  
 b) Inheritance  
 c) Polymorphism  
 d) Recursion  
  
3. \*\*A class is a:\*\*  
 a) An instance of an object.  
 b) A blueprint for creating objects.  
 c) A method within an object.  
 d) A type of data structure.  
  
  
4. \*\*What is an object in OOP?\*\*  
 a) A blueprint for creating classes.  
 b) An instance of a class.  
 c) A type of variable.  
 d) A programming language.  
  
5. \*\*What is encapsulation in OOP?\*\*  
 a) The ability to use the same method name for different classes.  
 b) Bundling data and methods that operate on that data within a class.  
 c) Creating new classes from existing ones.  
 d) The process of converting data types.  
  
6. \*\*Inheritance allows:\*\*  
 a) Creating multiple instances of a class.  
 b) Creating new classes based on existing classes.  
 c) Hiding data within a class.  
 d) Overloading methods.  
  
7. \*\*Polymorphism refers to:\*\*  
 a) The ability of objects to take on multiple forms.  
 b) The process of data hiding.  
 c) Creating multiple classes with the same name.  
 d) The creation of new classes.  
  
8. \*\*What keyword is used to create a class in Java?\*\*  
 a) `struct`  
 b) `class`  
 c) `interface`  
 d) `define`  
  
9. \*\*What keyword is used to represent inheritance in Java?\*\*  
 a) `extends`  
 b) `inherits`  
 c) `uses`  
 d) `implements`  
  
10. \*\*Which of these is a type of polymorphism in Java?\*\*  
 a) Method overriding  
 b) Method overloading  
 c) Both a and b  
 d) Neither a nor b

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