COP - Mock Test 1 Total points 13/20 ? Email * sakoreshivam3901@gmail.com Full Name *

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 1. From the following statements which is a disadvantage of an java 	*1/1
array?	
An array can hold primitive types data	
An array has its size that is known as array length	
An array knows only its type that it contains. Array type is checked at the contains.	ompile-
An array holds only one type of data	✓
2. String is a wrapper class? *	1/1
○ TRUE	
FALSE	✓

3. What is not true in the following statements about java. *	1/1
 It is compiled using java compiler. The compiled files have .class extension. Such files cannot be transferred from one comp to another. They use the java interpreter. 	✓
X 4. Which of the following can be referenced by this variable? *	0/1
 The instance variables of a class only The methods of a class only The instance variables and methods of a class Static method of class Correct answer The instance variables and methods of a class 	×

i. Which one of these lists contains only Java programming language eywords? class, if, void, long, int, continue. goto, instanceof, native, finally, default, throws.	*0/1 ×
	×
goto, instanceof, native, finally, default, throws.	
try, virtual, throw, final, volatile, transient.	
strictfp, constant, super, implements, do.	
ct answer	
oto, instanceof, native, finally, default, throws.	
3	trictfp, constant, super, implements, do.

> 6. You read the following statement in a Java program that compiles and *1/1 executes. submarine.dive(depth); What can you say for sure? depth must be an int. dive must be a method. dive must be the name of an instance field. submarine must be the name of a class. √ 7. What is reference to an object? * 1/1 It is address of an object It is address of where the variables and methods of object are stored It is pointer having address of an object It is address of only variables and not the methods of an object

✓ 8 What is false about constructor? *	1/1
Constructors cannot be synchronized in Java	
Java does not provide default copy constructor	
Constructor can have a return type	✓
"this" and "super" can be used in a constructor	
X 9. Can a super class object give reference to a subclass method? *	0/1
No, it is not possible	×
Maybe, it is possible	
No, it's not possible	
No, It's not possible in few cases only	
Correct answer	
No, it's not possible	

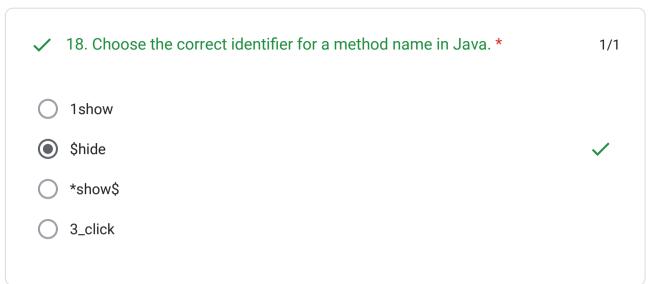
```
✓ 10. What is the output of the following code? *
                                                                                 1/1
     package instanceofjava;
     public class Test {
          static int x;
   6
         public static void main(String[] args) {
             Test obj1= new Test();
             obj1.x=10;
             Test obj2= new Test();
             obj2.x=20;
              x = 30;
         System.out.print("x="+obj1.x);
         System.out.print(" x="+obj2.x);
  19
  20
     x=10 x=10
     x=10 x=20
    x=30 x=30
    x=30 x=20
```

11. When does method overloading is determined? *	1/1
At run time	
At compile time	✓
At coding time	
At execution time	
X 12. How many objects can be referenced from the same variables? *	0/1
One at a time	
Many at a time	×
Many using array name	
7 at max at same time	
Correct answer	
One at a time	

/	13. The wrapping up of data and functions into a single unit is called *	1/1
0	Data Hiding	
0	Abstraction	
•	Encapsulation	✓
0	Polymorphism	
✓	14. Given a class named student, which of the following is a valid constructor declaration for the class?	*1/1
0	Student student () {}	
0	Private final student () {}	
0	Static void student(){ }.	
•	Student (student s) { }	✓

X 15. What is the output of the below Java program with constructors? * 0/1 public class Constructor2 int count=10; Constructor2(int count) System.out.println("Count=" + count); public static void main(String[] args) Constructor2 con = new Constructor2(); Count=0 Count=10 Compiler error None of the above X Correct answer Compiler error

✓	16. In Java, a method name can not start with a *	1/1
0	number	
\bigcirc	# (pound)	
\bigcirc	- (hyphen)	
	All the above	✓
×	17. A constructor can call another overloaded constructor using the keyword in Java.	*0/1
0	super	
\bigcirc	static	
\bigcirc	final	
•	this	×
Corr	ect answer	
	super	



> ✓ 19. What is the output of the below Java program with overloaded *1/1 constructors? public class Constructor3 int birds=10; Constructor3() this(20); Constructor3(int birds) System.out.println("Birds=" + birds); public static void main(String[] args) Constructor3 con = new Constructor3(); Birds=0 Birds=10 Birds=20 Compiler error

```
X 20. What is the output of the below Java program? *
                                                         0/1
 public class TestingMethods5
   public static void main(String[] args)
      int localVariable;
      System.out.println(localVariable);
   0
    garbage value
    NullPointerException
                                                        X
    Compiler error
Correct answer
   Compiler error
```

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