

	Test(void)	
	© public Test()	
	① public Test(void)	
Y	our Answer: Option (f)	
С	orrect Answer: Option (C)	
E	xplanation:	
	ption A and B are wrong because they use the default access modifier and the access modifier for the class is public (remember, the default constructor has the same access modifier as the class).	
	ption D is wrong. The void makes the compiler think that this is a method specification - in fact if it were a method specification the compiler rould spit it out.	
D	iscuss about this problem : Discuss in Forum	
L	earn more problems on : Declarations and Access Control	
	[#	#]
3.	What is the widest valid returnType for methodA in line 3?	
	public class ReturnIt	٦
	{ returnType methodA(byte x, double y) /* Line 3 */	
	{ return (long)x / y * 2;	
	} }	
		!
	byte	
	☑ ⓒ long ⊗	
	⊕ double	
Y	our Answer: Option ©	
С	orrect Answer: Option (1)	
E	xplanation:	
C	owever A, B and C are all wrong. Each of these would result in a narrowing conversion. Whereas we want a widening conversion, therefore the onlorrect answer is D. Don't be put off by the long cast, this applies only to the variable x and not the rest of the expression. It is the variable y (of ype double) that forces the widening conversion to double.	у
Ji	ava's widening conversions are:	
-	From a byte to a short, an int, a long, a float, or a double.	
-	From a short, an int, a long, a float, or a double.	
-	From a char to an int, a long, a float, or a double.	
	From an int to a long, a float, or a double.	
	From a long to a float, or a double.	
-	From a float to a double.	
	iscuss about this problem : Discuss in Forum	
L	earn more problems on : Declarations and Access Control	#]
		<i>†</i>]
4.	What will be the output of the program?	
	public class Test {	
	<pre>public static void main(String args[]) {</pre>	
	class Foo	

public int i = 3;
}
Object o = (Object)new Foo();

```
Foo foo = (Foo)o;
           System.out.println("i = " + foo.i);
    }
   🔽 📵 i = 3 📀
   B Compilation fails.
   © i = 5
  Your Answer: Option (A)
 Correct Answer: Option (8)
 Discuss about this problem: Discuss in Forum
 Learn more problems on : Declarations and Access Control
                                                                                                                                         [#]
5. What will be the output of the program?
    public class A
        void A() /* Line 3 */
           System.out.println("Class A");
        public static void main(String[] args)
           new A();
    }
   (R) Class A
   🔽 📵 Compilation fails. 😵
   (c) An exception is thrown at line 3.
  The code executes with no output.
 Your Answer: Option (B)
 Correct Answer: Option (1)
 Explanation:
 Option D is correct. The specification at line 3 is for a method and not a constructor and this method is never called therefore there is no output. The
 constructor that is called is the default constructor.
Discuss about this problem: Discuss in Forum
Learn more problems on: Declarations and Access Control
                                                                                                                                         [#]
6. What will be the output of the program?
    class Test
        public static void main(String [] args)
           int x=0;
           int y=0;
           for (int z = 0; z < 5; z++)
               if (( ++x > 2 ) || (++y > 2))
                  x++;
        System.out.println(x + " " + y);
    }
   (A) 5 3
   ■ 8 2
```

```
© 8 3
   🔽 📵 8 5 😵
 Your Answer: Option (1)
 Correct Answer: Option ®
 Explanation:
 The first two iterations of the for loop both x and y are incremented. On the third iteration x is incremented, and for the first time becomes
 greater than 2. The short circuit or operator | keeps y from ever being incremented again and x is incremented twice on each of the last three
iterations.
Discuss about this problem: Discuss in Forum
Learn more problems on : Operators and Assignments
                                                                                                                                                [#]
    import java.awt.Button;
    class CompareReference
        public static void main(String [] args)
            float f = 42.0f;
            float [] f1 = new float[2];
            float [] f2 = new float[2];
            float [] f3 = f1;
            long x = 42;
           f1[0] = 42.0f;
        }
    }
  which three statements are true?
  1. f1 == f2
  2. f1 == f3
  3. f2 == f1[1]
  4. x == f1[0]
  5. f == f1[0]
   (R) 1, 2 and 3
   B 2, 4 and 5 
   © 3, 4 and 5
   ① 1, 4 and 5
 Your Answer: Option ®
 Correct Answer: Option (B)
 Explanation:
 (2) is correct because the reference variables f1 and f3 refer to the same array object.
 (4) is correct because it is legal to compare integer and floating-point types.
 (5) is correct because it is legal to compare a variable with an array element.
 (3) is incorrect because f2 is an array object and f1[1] is an array element.
Discuss about this problem: Discuss in Forum
Learn more problems on : Operators and Assignments
                                                                                                                                                [#]
8. What will be the output of the program?
    public class MyProgram
        public static void main(String args[])
               System.out.print("Hello world ");
            finally
```

<pre>System.out.println("Finally executing ");</pre>
}
}
Nothing. The program will not compile because no exceptions are specified.
Nothing. The program will not compile because no catch clauses are specified.
☐ ⓒ Hello world.
✓ ⑩ Hello world Finally executing
Your Answer: Option (1)
Correct Answer: Option ①
Explanation:
Finally clauses are always executed. The program will first execute the try block, printing Hello world, and will then execute the finally block, printing Finally executing.
Option A, B, and C are incorrect based on the program logic described above. Remember that either a catch or a finally statement must follow a try. Since the finally is present, the catch is not required.
Discuss about this problem : Discuss in Forum
Learn more problems on : Exceptions
[#]
9. System.out.print("Start "); try { System.out.print("Hello world");
<pre>throw new FileNotFoundException(); } System.out.print(" Catch Here "); /* Line 7 */ catch(EOFException e)</pre>
<pre>{ System.out.print("End of file exception");</pre>
} catch(FileNotFoundException e)
{ System.out.print("File not found");
and given that EOFException and FileNotFoundException are both subclasses of IOException, and further assuming this block of code is placed into a class, which statement is most true concerning this code?
© Code output: Start Hello world End of file exception.
Code output: Start Hello world Catch Here File not found.
Your Answer: Option (B)
Correct Answer: Option ®
Explanation:
Line 7 will cause a compiler error. The only legal statements after try blocks are either catch or finally statements.
Option B, C, and D are incorrect based on the program logic described above. If line 7 was removed, the code would compile and the correct answer
would be Option B.
Discuss about this problem : Discuss in Forum
Learn more problems on : Exceptions
[#]
10. Which class does not override the equals() and hashCode() methods, inheriting them directly from class Object?
☐ (R) java.lang.String
■ B java.lang.Double

☐ © java.lang.StringBuffer ②
☑ ① java.lang.Character ②
Your Answer: Option ①
Correct Answer: Option ©
Explanation:
<pre>java.lang.StringBuffer is the only class in the list that uses the default methods provided by class Object.</pre>
Discuss about this problem : Discuss in Forum
Learn more problems on : Objects and Collections
11. You need to store elements in a collection that guarantees that no duplicates are stored and all elements can be accessed in natural order. Which interface provides that capability?
☑ (B) java.util.Map ②
igava.util.List
① java.util.Collection
Your Answer: Option (9)
Correct Answer: Option ®
Explanation:
Option B is correct. A set is a collection that contains no duplicate elements. The iterator returns the elements in no particular order (unless this set is an instance of some class that provides a guarantee). A map cannot contain duplicate keys but it may contain duplicate values. List and Collection allow duplicate elements.
Option A is wrong. A map is an object that maps keys to values. A map cannot contain duplicate keys; each key can map to at most one value. The Map interface provides three collection views, which allow a map's contents to be viewed as a set of keys, collection of values, or set of key-value mappings. The order of a map is defined as the order in which the iterators on the map's collection views return their elements. Some map implementations, like the TreeMap class, make specific guarantees as to their order (ascending key order); others, like the HashMap class, do not (does not guarantee that the order will remain constant over time).
Option C is wrong. A list is an ordered collection (also known as a sequence). The user of this interface has precise control over where in the list each element is inserted. The user can access elements by their integer index (position in the list), and search for elements in the list. Unlike sets, lists typically allow duplicate elements.
Option D is wrong. A collection is also known as a sequence. The user of this interface has precise control over where in the list each element is inserted. The user can access elements by their integer index (position in the list), and search for elements in the list. Unlike sets, lists typically allow duplicate elements.
Discuss about this problem : Discuss in Forum
Learn more problems on : Objects and Collections
[#]
<pre>12. /* Missing Statement ? */ public class foo { public static void main(String[]args)throws Exception {</pre>
<pre>java.io.PrintWriter out = new java.io.PrintWriter(); new java.io.OutputStreamWriter(System.out,true); out.println("Hello"); }</pre>
}
What line of code should replace the missing statement to make this program compile?
B import java.io.*;
© include java.io.*;
import java.io.PrintWriter;

Your Answer: Option (R)	
Correct Answer: Option (9)	
Explanation:	
The usual method for using/importing the java packages/classes is by using an import statement at the top of your code. However it is possible explicitly import the specific class that you want to use as you use it which is shown in the code above. The disadvantage of this however is that every time you create a new object you will have to use the class path in the case " java.io" then the class name in the long run leading to a lo more typing.	t
Discuss about this problem : Discuss in Forum	
Learn more problems on : Objects and Collections	
	[#]
public class MyOuter { public static class MyInner { public static void foo() { } } }	
which statement, if placed in a class other than MyOuter or MyInner, instantiates an instance of the nested class?	
® MyOuter.MyInner m = new MyOuter.MyInner(); Note that the second of the s	
B MyOuter.MyInner mi = new MyInner(); A MyOuter.MyInner mi = new MyInner();	
MyOuter m = new MyOuter(); MyOuter.MyInner mi = m.new MyOuter.MyInner();	
MyInner mi = new MyOuter.MyInner(); MyInner mi = new MyOuter.MyInner();	
Your Answer: Option ©	
Correct Answer: Option (9)	
Explanation:	
MyInner is a static nested class, so it must be instantiated using the fully-scoped name of MyOuter.MyInner.	
Option B is incorrect because it doesn't use the enclosing name in the new.	
Option C is incorrect because it uses incorrect syntax. When you instantiate a nested class by invoking new on an instance of the enclosing class you do not use the enclosing name. The difference between Option A and C is that Option C is calling new on an instance of the enclosing class rather than just new by itself.	
Option D is incorrect because it doesn't use the enclosing class name in the variable declaration.	
Discuss about this problem : Discuss in Forum	
Learn more problems on : Inner Classes	
	[#]
14. Which is true about an anonymous inner class?	
It can extend exactly one class and implement exactly one interface.	
It can extend exactly one class and can implement multiple interfaces.	
☑ It can extend exactly one class or implement exactly one interface.	
It can implement multiple interfaces regardless of whether it also extends a class.	
Your Answer: Option ©	
Correct Answer: Option ©	
Explanation:	
Option C is correct because the syntax of an anonymous inner class allows for only one named type after the new, and that type must be either single interface (in which case the anonymous class implements that one interface) or a single class (in which case the anonymous class extend that one class).	
Option A, B, D, and E are all incorrect because they don't follow the syntax rules described in the response for answer Option C.	
Discuss about this problem : Discuss in Forum	

Learn more problems on : Inner Classes	F#1
	[#]
 Under which conditions will a currently executing thread stop? When an interrupted exception occurs. When a thread of higher priority is ready (becomes runnable). When the thread creates a new thread. When the stop() method is called. 	
■ ① 1 and 3	
▼ 8 2 and 4 ▼	
© 1 and 4	
(n) 2 and 3	
Your Answer: Option ®	
Correct Answer: Option ®	
Explanation:	
The statements (2) and (4) makes currently executing thread to stop.	
Discuss about this problem : Discuss in Forum	
Learn more problems on : Threads	
	[#]
 16. Which two are valid constructors for Thread? 1. Thread(Runnable r, String name) 2. Thread() 3. Thread(int priority) 4. Thread(Runnable r, ThreadGroup g) 5. Thread(Runnable r, int priority) 	
■ ® 1 and 3	
■ (B) 2 and 4	
① 2 and 5	
Your Answer: Option ©	
Correct Answer: Option ©	
Explanation:	
(1) and (2) are both valid constructors for Thread.	
(3), (4), and (5) are not legal Thread constructors, although (4) is close. If you reverse the arguments in (4), you'd have a valid constructor.	
Discuss about this problem: Discuss in Forum	
Learn more problems on : Threads	[#]
	[#]
 17. Which two of the following methods are defined in class Thread? 1. start() 2. wait() 3. notify() 4. run() 5. terminate() 	
✓ (B) 1 and 4 ✓	
© 3 and 4	
① 2 and 4	

Your Answer: Option (R)	
Correct Answer: Option (R)	
Explanation:	
(1) and (4). Only start() and run() are defined by the Thread class.	
(2) and (3) are incorrect because they are methods of the Object class. (5) is incorrect because there's no such method in any thread-related class.	t
Discuss about this problem : Discuss in Forum	
Learn more problems on : Threads	
	[#]
18. Which statement is true?	
■ The notifyAll() method must be called from a synchronized context. ✓	
☑ ® To call wait(), an object must own the lock on the thread. ⑧	
The notify() method is defined in class java.lang.Thread.	
The notify() method causes a thread to immediately release its locks.	
Your Answer: Option ®	
Correct Answer: Option ®	
Explanation:	
Option A is correct because the <pre>notifyAll()</pre> method (along with <pre>wait()</pre> and <pre>notify()</pre>) must always be called from within a synchronized context.	Ł
Option B is incorrect because to call wait(), the thread must own the lock on the object that wait() is being invoked on, not the other way around.	
Option C is wrong because <pre>notify()</pre> is defined in <pre>java.lang.Object</pre> .	
Option D is wrong because notify() will not cause a thread to release its locks. The thread can only release its locks by exiting the synchronic	ized
code.	
Discuss about this problem : Discuss in Forum	
Learn more problems on: Threads	F.1/2
	[#]
19. public Object m()	
{ Object o = new Float(3.14F);	
Object [] oa = new Object[l]; oa[0] = o; /* Line 5 */	
o = null;	
return o; /* Line 8 */ }	
When is the Float object, created in line 3, eligible for garbage collection?	
(B) just after line 5	
B just after line 6	
▼ © just after line 7 🔗	
① just after line 8	
Your Answer: Option ©	
Correct Anguary Option (A)	
Correct Answer: Option ©	
Explanation:	
Explanation: Option A is wrong. This simply copies the object reference into the array.	
Explanation:	

Discuss about this problem : Discuss in Forum					
Learn more problems on : Garbage Collections					
). What will be the output of the program?					
<pre>String a = "ABCD"; String b = a.toLowerCase(); b.replace('a','d'); b.replace('b','c'); System.out.println(b);</pre>					
▼ (B) abcd ✓					
® ABCD					
© dccd					
① dcba					
Our Answer: Option ®					
Correct Answer: Option ®					
xplanation:					
String objects are immutable, they cannot be changed, in this case we are talking about the esulting from replacing all occurrences of oldChar in this string with newChar.	replace method which returns a new String obje				
b.replace(char oldChar, char newChar); But since this is only a temporary String it must either be put to use straight away i.e. System.out.println(b.replace('a','d'));					
				r a new variable must be assigned its value i.e.	
				tring c = b.replace('a','d');	
viscuss about this problem : Discuss in Forum					
earn more problems on : Java.lang Class					
*** END OF THE TEST ***					
	①				
Working in Gern	nany				
Working in Gern	nany				
Working in Gern	nany				
Make it in Germany	Ope				
Make it in Germany					
Make it in Germany Post your test result / feedback here:					
Make it in Germany Post your test result / feedback here:					
Make it in Germany Post your test result / feedback here: Quality of the Test : Select > Difficulty of the Test : Select >					
Make it in Germany Post your test result / feedback here: Quality of the Test : Select >					

.2/08/2023, 10:03	Test Result
≛ Full Name	
■ Email (optional)	
	Submit
Interview Questions Check out the latest interview questions and answers.	
	Quick links
Quantitative Aptitude	
> Arithmetic	
> Data Interpretation	
Verbal (English)	
> Verbal Ability	
> Verbal Test	
Reasoning	
> Logical	
> Verbal	
> Nonverbal	
Programming	
> C Programming	
> C++	
> C#	
> Java	
Interview	
> GD	
> HR	
> Technical Interview	
Placement Papers	
> Placement Papers	

Contact Us Copyright Privacy Policy

© IndiaBIX™ Technologies

> Submit Paper