	1. A Java exception is an instance of								
	a. RuntimeException	b. Exception	c. Error	d. Throwable					
	2. An instance ofA bounds array, and numeric	errors.		bad casting, accessind. Throwable	ng an out-of-				
	a. RuntimeException	b. Exception	C. EITOI	u. Hirowabie					
	3. What exception type doe	s the following progra	m throw?						
	<pre>public class Test { public static void main(String[] args) { System.out.println(1 / 0);</pre>								
	}								
	}								
1	A. ArithmeticException	b	. ArrayIndexOutO	fBoundsException					
	c. StringIndexOutOfBoundsI	Exception d	. ClassCastExcepti	on					
		D							
	4. A method must declare to	o throw							
	a. unchecked exceptions	b. checked except	ions c. I	Error d. Runti	imeException				
	5. Which of the following st	atements are true?							
Т	a. You use the keyword throws to declare exceptions in the method heading.								
Τ	b. A method may declare to throw multiple exceptions.								
Τ	c. To throw an exception, use the key word throw.								
Т	d. If a checked exception oc method.	curs in a method, it m	ust be either caug	ht or declared to be t	thrown from the				
	6. ArrayList <string> and ArrayList<string> and Array</string></string>		o types. Does the	JVM load two classes	s				
	a. Yes b. N	10)							

	7.	Which of the following is not an advantage of Java exception handling?							
(a.	Java separates exception handling from normal processing tasks.							
	b.	Exception handling improves performance.							
	C.	Exception handling makes it possible for the caller's caller to handle the exception.							
	d. can be	Exception hand placed at the ca		gramming because the erro	r-reporting and error-handling code				
	8. Whic	th of the followi	ng statements is co	orrect?					
Т	a. Gene	enerics can help detect type errors at compile time, thus make programs more robust.							
Т	b. Gene	. Generics can make programs easy to read.							
Т	c. Gene	enerics can avoid cumbersome castings.							
F	d. Gene	d. Generics can make programs run faster.							
	9. All th	All the concrete classes in the Java Collections Framework implementC							
	a. the C	Cloneable interfa	ace b	o. the Serializable interfaces					
	c. the C	Comparable inte	rface c	I. the Comparator interface					
	10. For	an instance of (Collection, you can	obtain its iterator using	В				
	a. c.get	Iterator()	b. c.iterator()	c. c.iterators()	d. c.iterable()				
	11. You	11. You can use a for-each loop to traverse all elements in a container object that implements							
	a. Itera	tor	b. Collection	c. Iterable	d. ArrayList				
	12. Wh	ich of the follov	ving are true?						
Т	a. You d	can insert an element anywhere is an arraylist.							
F	b. You	ı can insert an element anywhere is a linked list.							
Т	c. You c	can use a linked	list to improve effi	ciency for adding/removing	elements at the beginning of a list.				
F		should use an a	ray list if your app	lication does not require ad	ding and removing elements at the				

F

methods will cause					-			1
a. x.get(2)	b. x.set(3, "Ne	ew York")	c. x.get	:(3)	d	. x.remove(3))
						[1 2 5	2 3 61	
14. Suppose list list1	L is [1, 2, 5] and lis			1.addAl		. is		None of the below
a. [1, 2, 2, 3, 5	, 6] b.	[1, 2, 3, 5,	6]	C.	[1, 5]	d.	[2]	
15. Suppose a list co		een", "red", '	green"}. Wha	at is the	list after th	ie following	code?	
list.remove("red")			/ 1	.		113		
	en", "red", "green	"}	(b.)		n", "red", "			
c. {"green", "g	reen"}		d.	{"red",	, "green" <i>,</i> "	green"}		
46 144 1 1 6 1 6 1								
16. Which of the fol	_			st ist?				
a. lst.sort()	b Co	llections.sort	(lst)					
c. Arrays.sort(lst)	d. ne	w LinkedList<	String>(new	String[]	{"red", "gre	en", "blue"	})	
17. Which data type	should you use if	you want to	store duplica	ite elem	ents and b	e able to ins	ert or	
delete elements any	where efficiently.							
a. ArrayList	b.	LinkedList		C.	Vector	d.	Set	
18. java.util.Vector i		·						
a. java.util.Arr	ayList	b. ja	va.util.Linked	List				
c. java.util.Abs	stractList	d. ja	va.util.Vector					
19 . The	_ method in the Q	ueue interfac	e retrieves a	nd remo	oves the he	ad of this qu	ieue, or	
null if this queue is	empty.							
null if this queue is e	. ,	ve() c.	peek()		d. e	lement()		
	empty. b. remo	ve() c.	peek()		d. e	lement()		

ArrayList<Integer> list = new ArrayList<Integer>();

```
list.add(0);
list.add(1);
list.add(2);
list.add(1, 4);
list.set(2, 30);
System.out.println(list);
a.[0,1,2,4,30] b.[0,4,2,30] c.[0,4,30,2] d.[0,1,4,30] e.[4,1,2,30]
```