<ul> <li>a. RuntimeException</li> <li>b. Exception</li> <li>2. An instance of describes progration</li> <li>bounds array, and numeric errors.</li> <li>a. RuntimeException</li> <li>b. Exception</li> <li>3. What exception type does the following propublic class Test {     public static void main(String System.out.println(1 / 0);     } }</li> <li>a. ArithmeticException</li> <li>c. StringIndexOutOfBoundsException</li> <li>4. A method must declare to throw</li> </ul>	c. Error rogram throw? ng[] args) { b. ArrayIndexOu	h as bad casting, accessing an o	out-of-
<pre>bounds array, and numeric errors. a. RuntimeException</pre>	c. Error rogram throw? ng[] args) { b. ArrayIndexOu	d. Throwable utOfBoundsException	out-of-
<pre>3. What exception type does the following pr public class Test {   public static void main(String System.out.println(1 / 0);   } } a. ArithmeticException c. StringIndexOutOfBoundsException</pre>	rogram throw?  ng[] args) {  b. ArrayIndexOu	utOfBoundsException	
<pre>public class Test {   public static void main(String System.out.println(1 / 0);   } } a. ArithmeticException c. StringIndexOutOfBoundsException</pre>	ng[] args) {  b. ArrayIndexOu	·	
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a. ArithmeticException c. StringIndexOutOfBoundsException	•	·	
a. ArithmeticException c. StringIndexOutOfBoundsException	•	·	
a. ArithmeticException c. StringIndexOutOfBoundsException	•	·	
c. StringIndexOutOfBoundsException	•	·	
	d. ClassCastExce	eption	
A A method must declare to throw			
a. unchecked exceptions b. checked ex	_	c. Error d. RuntimeEx	ception
5. Which one(s) of the following statements a	are true?		
a. You use the keyword throws to declare exc	ceptions in the met	hod heading.	
b. A method may declare to throw multiple e	exceptions.		
c. To throw an exception, use the key word th	hrow.		
d. If a checked exception occurs in a method, method.	, it must be either c	aught or declared to be throw	n from the
6. ArrayList <string> and ArrayList<integer> are</integer></string>	re two types. Does		
ArrayList <string> and ArrayList<integer>?</integer></string>		the JVM load two classes	

7.		_	antage of Java exception.	-				
a.	•		rom 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		amming because the er	ror-reporting and error-handling coo				
<b>8.</b> Whic	ch one(s) of the	following statements	is correct?					
a. Gene	erics can help de	etect type errors at co	ompile time, thus make	programs more robust.				
b. Gene	erics can make p	orograms easy to read	d.					
c. Gene	erics can avoid c	cumbersome castings.						
d. Gene	erics can make p	orograms run faster.						
<b>9.</b> All th	ne concrete clas	ses in the Java Collec	tions Framework imple	ment				
a. the C	Cloneable interf	ace b. t	he Serializable interface	es				
c. the C	Comparable inte	erface d. t	he Comparator interfac	ce				
<b>10.</b> For	an instance of (	Collection, you can ob	otain its iterator using _	·				
a. c.get	Iterator()	b. c.iterator()	c. c.iterators()	d. c.iterable()				
<b>11.</b> You	ı can use a for-e	each loop to traverse a	all elements in a contai	ner object that implements				
a. Itera	tor	b. Collection	c. Iterable	d. ArrayList				
<b>12.</b> Wh	ich one(s) of the	e following are true?						
a. You	can insert an ele	ement anywhere is an	arraylist.					
b. You	can insert an ele	ement anywhere is a	linked list.					
c. You	can use a linked	list to improve efficie	ency for adding/removi	ng elements at the beginning of a lis				
d You	chould use an a	rray list if your applica	ation door not require	adding and removing elements at the				

<b>13.</b> Suppose ArrayList x contains three strings [Beijing, Singapore, Tokyo]. Which one(s) of the following methods will cause runtime errors?												
a. x.get	x.get(2) b. x.set(3, "No			ew York") c. x.get(3			(3)	d. x.remove(3)				
<b>14.</b> Suppose list list1 is [1, 2, 5] and list list2 is [2, 3, 6]. After list1.addAll(list2), list1 is												
a.	[1, 2, 5, 2, 3, 6]		b.	[1, 2, 5,	, 3, 6]		C.	[1, 5]		d.	[2]	
<b>15.</b> Suppose a list contains {"red", "green", "red", "green"}. What is the list after the following code? list.remove("red");												
a.	{"red", "green", "red", "green"}					b.	{"green", "red", "green"}					
C.	{"green", "green"}					d.	{"red",	", "green", "green"}				
<b>16.</b> Which of the following is correct to sort the elements in a list lst?												
a. Ist.sc	b. Collections.sort(lst)											
c. Arrays.sort(lst) d. new LinkedList <string>(new String[]{"red", "green", "blue"})</string>												
<b>17.</b> Which data type should you use if you want to store duplicate elements and be able to insert or delete elements anywhere efficiently.												
a.	ArrayList		b.	LinkedL	ist		C.	Vector		d.	Set	
<b>18.</b> java.util.Vector is a subtype of												
a.	java.util.ArrayL	ist		b.	java.uti	util.LinkedList						
C.	java.util.Abstra	ctList		d.	java.uti	l.Vector						
<b>19.</b> The method in the Queue interface retrieves and removes the head of this queue, or null if this queue is empty.												
a.	poll()	b.	remove	e()	C.	peek()		d.	element	t()		
20. What is the printout of the following code?												
<pre>ArrayList<integer> list = new ArrayList<integer>();</integer></integer></pre>												

```
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.[0,1,30,2] d.[0,1,2,30] e.[0,4,30,2]
```