OOP :	Sho	t Test 4						
Multip	le C	oice	wan	s the question				
<i>1</i> иенију	ıne	hoice that best completes the statement or ans	wers	s ine question.				
	1. Collections that assure element uniqueness implement							
		. ArrayList	c.					
		. Vector	d.	Set				
	2.	Java applets begin execution with a series of the	ree	method calls:				
		. init, start, restart	c.					
		o. init, start, repaint	d.	init, start, paint				
Multip Identify		sponse or more choices that best complete the stateme	nt o	r answer the question.				
	2	Mark all what applies to Collections:						
	٥.	are strongly typed	c.	the contained values descend from class <i>Object</i>				
		. may contain primitive values	d.					
	4.	A bound can be placed on a wildcard specifying lescendent type of some class or interface. Man argument plugged in be an object of any descendent class of <i>ClassType</i> specifies that the argument plugged in be an object of any descendent class of <i>ClassType</i> specifies that the argument plugged in be an object of any descendent class of <i>ClassType</i>	rk al c.	l what applies. implements <i Interface> specifies that the argument plugged in be an object of any descendent interface of <i>Interface</i>				
	5.	All collections can:						
		add / remove elements	c.	convert data into an array of Classes				
		o. report their size	d.	report their Objects				
	6.	An <i>iterator</i> is (mark all what applies): is that is	S					
		. a class	c.	an object				
		sequential access to the collection elements	d.	used with a collection to provide direct access to the collection elements				
	7.	The data elements encapsulated by a buffer can	be	stored in one of several different ways:				
		in an array provided by the <i>init()</i> method in native memory space	c. d.	all answers are valid in a private array created by the buffer object				
	0		`	•				
	8.	Concerning Java threads (mark all what applies . Threads are executed by the local	s) c.	Threads decide what they do when they				
		operating system	C.	are interrupted				
		o. Threads have a guaranteed order of exeuction	d.	thread scheduler runs each thread for a short amount of time				

Name (last, first): ______ Group: ______ Date: _____

ID: A

Name:		ID: A
Completic	on each statement.	
9.	The method is invoked for an applet each time a browser's user leaves an HTML page on which the applet resides.	
10.	The or a browser can be used to execute a Java applet.	
11.	Iterators abstract the ability to read and write the contents of collection inisolate that ability from the underlying collection	
12.	Objects in the <i>Map</i> framework can implement classes.	, so car
13.	Every applet should extend class	
Short Ans	wer	
14.	Java can create threads in two ways:	

OOP Short Test 4 Answer Section

MULTIPLE CHOICE

1.	ANS:	D	PTS:	1
2.	ANS:	D	PTS:	1

MULTIPLE RESPONSE

3.	ANS:	C, D	PTS:	1
4.	ANS:	A, D	PTS:	1
5.	ANS:	A, B	PTS:	1
6.	ANS:	B, C	PTS:	1
7.	ANS:	B, D	PTS:	1
8.	ANS:	C, D	PTS:	1

COMPLETION

9. ANS:

public void stop()

This method is called by the applet container when the user leaves the applet's web page by browsing to another web page. Since it's possible that the user might return to the web page containing the applet, method stop performs tasks that might be required to suspend the applet's execution, so that the applet does not use computer processing time when it's not displayed on the screen. Typical actions performed here would stop the execution of animations and threads.

PTS: 1 10. ANS: appletviewer

. 71118. appletitiewe

PTS: 1

11. ANS:

loops

implementation

PTS: 1

12. ANS:

mathematical functions and relations database

PTS: 1

13. ANS: JApplet (or Applet)

PTS: 1

SHORT ANSWER

14. ANS:

- A class extends the *Thread* class and overrides it's run() method.
- A class implements the *Runnable* interface, which has one method: run().
 - The class passes a reference to itself when it creates a thread.
 - The thread then calls back to the run() method in the class.

PTS: 1

Name (last	t, firs	st): Group:		Date:]
OOP Sho	ort T	Test 4			
Multiple For	_	onse more choices that best complete the statem	ent o	r answer the question.	
1.		ound can be placed on a wildcard specifying cendent type of some class or interface. Mackey super ClassType specifies that the argument plugged in be an object of any ancestor class of ClassType implements Interface specifies that the argument plugged in be an object of any descendent interface of Interface</th <th>ork al</th> <th></th> <th></th>	ork al		
2.	a.	collections can: report their Objects report their size	c. d.	add / remove elements convert data into an array of Classes	
3.	a.	iterator is (mark all what applies): is that used with a collection to provide sequential access to the collection elements	c.	a class	
	b.	used with a collection to provide direct access to the collection elements	d.	an object	
4.	a.	Threads decide what they do when they are interrupted thread scheduler runs each thread for a short amount of time	c. d.	Threads are executed by the local operating system Threads have a guaranteed order of exeuction	
5.	a.	ck all what applies to <i>Collections</i> : the contained values descend from class <i>Object</i>	c.	are strongly typed	
	b.	may contain primitive values	d.	are weakly typed	
6.	The a.	data elements encapsulated by a buffer ca in native memory space		stored in one of several different ways: in a private array created by the buffer object	
	b.	all answers are valid	d.		
Completio		statement.			
7.		method is invoked for an a ML page on which the applet resides.	ipple	t each time a browser's user leaves an	
8.		ators abstract the ability to read and write tate that ability from the underlying collect		ontents of collection in, a	and

Name:			ID: 1
9.	Objects in the Map framework car	implement	, so car
	be used to construct		
10.	Every applet should extend class _		
11.	The	or a browser can be used to execute a .	Java applet.
Short Ans	wer		
12.	Java can create threads in two way	3:	
Multiple (Identify the	Choice c choice that best completes the state	ment or answers the question.	
13.	Java applets begin execution with	a series of three method calls:	
	a. init, start, repaint	c. init, start, restart	
	b. init, start, stop	d. init, start, paint	
14.	Collections that assure element un	queness implement	
	a. Vector	c. List	
	b. ArrayList	d. Set	

OOP Short Test 4 Answer Section

MULTIPLE RESPONSE

1.	ANS:	A, C	PTS:	1
2.	ANS:	B, C	PTS:	1
3.	ANS:	A, D	PTS:	1
4.	ANS:	A, B	PTS:	1
5.	ANS:	A, D	PTS:	1
6.	ANS:	A. C	PTS:	1

COMPLETION

7. ANS:

public void stop()

This method is called by the applet container when the user leaves the applet's web page by browsing to another web page. Since it's possible that the user might return to the web page containing the applet, method stop performs tasks that might be required to suspend the applet's execution, so that the applet does not use computer processing time when it's not displayed on the screen. Typical actions performed here would stop the execution of animations and threads.

PTS: 1

8. ANS:

loops implementation

PTS: 1

9. ANS:

mathematical functions and relations database

PTS: 1

10. ANS: JApplet (or Applet)

PTS: 1

11. ANS: appletviewer

PTS: 1

SHORT ANSWER

12. ANS:

- A class extends the *Thread* class and overrides it's run() method.
- A class implements the *Runnable* interface, which has one method: run().
 - The class passes a reference to itself when it creates a thread.
 - The thread then calls back to the run() method in the class.

PTS: 1

MULTIPLE CHOICE

13. ANS: D PTS: 1 14. ANS: D PTS: 1