## IS 147 INTRODUCTION TO COMPUTER PROGRAMMING FA2009 (IS147\_3.4742\_FA2009) > CONTROL PANEL > TEST MANAGER > TEST CANVAS

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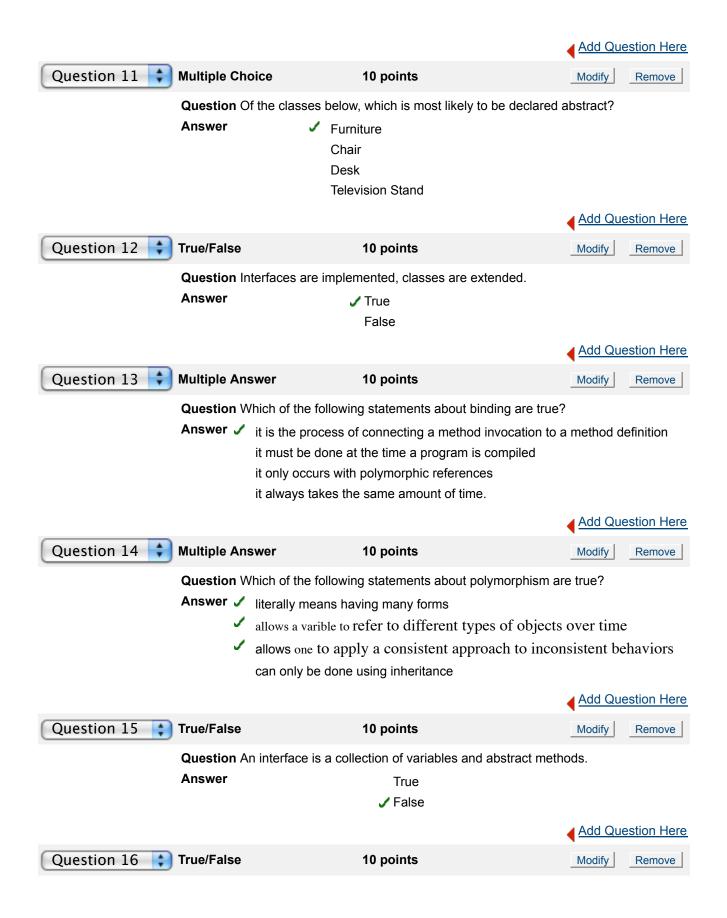
## 🆄 Test Canvas

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Add Calculat	ed Formula	eo 🗧	Creation Settings		
	-	, 8, and 9 ok and open-note. You may files or any of the Blackboa			•
				Add Que	estion Here
Question 1	📑 Multiple Choic	e 10 points		Modify	Remove
	Question Give	en the array:			
	String[] greetin	gs = {"hey","hello, how are	you","what's up","hi"};		
	What value is a <b>Answer</b>	at greetings[1]? hey hello how are you what's up hi Vone of these			
				Add Que	estion Here
Question 2	Multiple Choic	e 10 points		Modify	Remove
	Answer ✓ it it it it	ch of the following statemer is part of the java.util packa has a fixed, finite size stores primitive data types s start index is 1 rather than dded elements are added to s speed and memory perfor	age 0 o the front of the list	an array	estion Here
Question 3	Multiple Choic	e 10 points		Modify	Remove

	Question Given the method header:			
	public int[] manipulate(String[] text)			
	What is the method Answer int Int Str	d's return type?		
			Add Question Here	
Question 4	Multiple Choice	10 points	Modify Remove	
	of children where of children in all.	<ul> <li>an int array, candy, stores the number candy[j] is the number of candy bars so Which array correctly computes the num</li> <li>for (int j=0; j&lt;12; j++) sum += candy for (int j=0; j&lt;12; j++) candy[j] = sum for (int j=0; j&lt;12; j++) sum = candy[j for (int j=0; j&lt;12; j++) sum += [j]; for (int j=1; j&lt;=12; j++) sum += candy</li> </ul>	Id by child j. Assume there are nber of candy bars sold. /[j]; n; j];	
		for (int j=0; j<=12; j++) sum += cand	מאַר ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	
		for (int j=0; j<=12; j++) sum += cand	dy[J]; <mark>∢</mark> Add Question Here	
Question 5	Multiple Choice	for (int j=0; j<=12; j++) sum += cand <b>10 points</b>		
Question 5	Multiple Choice Question Given th	10 points	Add Question Here	
Question 5		<b>10 points</b> ne array:	Add Question Here	
Question 5	<b>Question</b> Given th int[] myArray = {1,2	<b>10 points</b> ne array: 2,3,4,5};	Add Question Here Modify Remove	
Question 5	Question Given the int[] myArray = {1,2 what will be the co public void manipu { numbers[3] numbers[1] numbers[0]	<b>10 points</b> ne array:	Add Question Here Modify Remove	
Question 5	Question Given the int[] myArray = {1,2 what will be the compublic void maniput { numbers[3] numbers[1] numbers[0] numbers[4] }	10 points         ne array:         2,3,4,5};         ontents of myArray be after being passe         ulate(int[] numbers)         = numbers[2] * numbers[4];         = numbers[2] + numbers[4];         = numbers[2] + numbers[4];         = numbers[2] - numbers[4];         = numbers[3] - numbers[2];         {15,8,3,12,9}         {4,8,3,15,12}	Add Question Here Modify Remove	

Question 6	Multiple Answer	10 points	Modify	Remove
	Strings? Answer	of the following are legal ways to declare and inst String s = new String(10); String[] s = new String[10]; String[] s = 10 * (new String()); String[10] s = new String[]; String[] names = {"Jim","Jon","Jake"}; String[] names = ["Jim","Jon","Jake"]; String names = new String["Jim","Jon","Jake"];		rray of
Question 7	Multiple Choice	10 points	Modify	Remove
Question 8	the child and the Answer Multiple Choice	erm is used to reference the parent class in a child super this parent extends	Add Que Modify d class.	estion Here
Question 9 🛟	True/False	10 points	Modify	Remove
	Question Creatin Answer	ng a shadow variable is a good programming prac True ✔ False		estion Here
Question 10 🛟	True/False	10 points	Modify	Remove
	Question Every C class. Answer	Java class inherits a functioning toString() method ✔ True False	I from the O	bject



Question Creating a new Class is the only way to create a new java data type. Answer True False Add Question Here Question 17 **Multiple Answer** 10 points Modify Remove Question Given the non-abstract class B and the class header "public class A extends B implements C" which of the following code snippets will NOT result in a compilation error? Answer A myA = new C();A myA = new A();myA = new B();C myA = new A();C myA = new B();Add Question Here Question 18 **Multiple Choice** 10 points Modify Remove Question Suppose Animal is an interface that specifies a single method – speak. Now suppose the Dog class implements the Animal interface. In addition to the speak method, the Dog class also has a method called wagTail. Now consider the following code. Animal a = new Dog();a.wagTail(); Which of the following is true about this code? Answer It will result in a compile-time error. It will result in a run-time error. It will call the speak method defined in the Animal interface. It will call the wagTail method defined in the Dog class. Add Question Here Question 19 True/False 10 points Modify Remove Question When determining which implementation of a method to invoke, the type of the polymorphic reference is used. Answer True False Add Question Here Question 20 + **True/False** 10 points Modify Remove

Question Multiple inheritance is how Java gets around only being able to implement one interface per class. Answer True False Add Question Here **Question 21 Multiple Choice** 10 points Modify Remove Question Which of the following is true of the protected visibility modifier: Answer 🧹 provides the best possible encapsulation that permits inheritance can only be applied to class variables, not methods is required if a variable or method is to be inherited prevents a variable or method from being accessed by subclasses Add Question Here **Question 22** True/False \* 10 points Modify Remove Question The compareTo() method defined in the Comparable interface returns 0 if the two items are equal, a positive value to indicate greater than, and a negative value to indicate less than. Answer 🖌 True False Add Question Here **Question 23 True/False** 10 points Modify Remove Question Declaring a class as final means that the class cannot be inherited, even if none of its methods are overridden. Answer 🗸 True False Add Question Here Question 24 **Multiple Answer** 10 points Modify Remove Question Which of the following are some design principles related to inheritance listed in the book? Answer 🗸 Every derivation should be an is-a relationship. The child should be a more specific version of the parent. Class hierarchies should be designed to capitalize on reuse A parent's method should always be overridden The use of interfaces should be avoided Even if there are no current uses/need for them, children should override the toString() and equals() methods to avoid potentially unforeseen uses Avoid the use of abstract classes Add Question Here

Question 25	Multiple Choice	10 points	Modify Remove
	Question Which of the follo used to derive a new class? Answer	owing is not a standard name for the parent class superclass base class. ✓ extended class	original class that is
			Add Question Here
Question 26 🛟	Multiple Choice	10 points	Modify Remove
	inherits from the class Bird and PiratePet. Answer ✓ public clas public clas public clas	wing is the correct class header for a and has the functions specified in th as Parrot extends Bird implements Ta as Parrot extends TalkingBird, Piratel as Parrot extends Bird implements Ta as Parrot extend Bird implement Talk	e interfaces TalkingBird alkingBird, PiratePet Pet implements Bird alkingBird PiratePet
	•	nnot inherit more than one interface,	-
			Add Question Here
Question 27	True/False	10 points	Modify Remove
		ontains the methods defined in an in hat interface in its class header. ✓ True False	terface, it still needs to
			Add Question Here
Question 28 😫	True/False	10 points	Modify Remove
	Question Programs that fe without polymorphism. Answer	ed the diverse set of animals at a zo ✓ True False	
			Add Question Here
Question 29	Multiple Choice	10 points	Modify Remove
	Answer	owing methods is not part of the Mou mousePressed() mouseReleased() mouseClicked() mouseEntered()	useListener interface

		mouseDragged()		
			Add Que	stion Here
Question 30 😫	True/False	10 points	Modify	Remove
	Question Check options.	boxes operate as a group, providing a set of mut	ually exclusiv	/e
	Answer	True 🗸 False		
			Add Que	stion Here
Question 31	Multiple Choice	10 points	Modify	Remove
	Question Which the keyboard.	of the following components allows the user to e	nter typed inp	out from
	Answer	check boxes radio buttons sliders combo boxes ✓ none of the above		
			Add Que	stion Here
Question 32 🛟	Multiple Choice	10 points	Modify	Remove
	Answer 🧹	,0) coordinate is located where on a panel? upper left upper right bottom left bottom right the center of the panel there is no (0,0) coordinate		
			Add Que	stion Here
Question 33 🛟	Multiple Choice	10 points	Modify	Remove
	Question Which Answer	of the following methods is not included in the Ke keyPressed() keyReleased() keyTyped()	eyListener inte	erface?
		keyEntered()		
		keyEntered()	Add Que	stion Here

	Question What interf Answer	ace should a button click listener implement? ActionListener MouseListener ButtonListener actionPerformed()	Add Que	estion Here
Question 35 🛟	Multiple Choice	10 points	Modify	Remove
		e following defines a screen element used to ract with a program in a certain way. GUI Component event listener AWT	display info	rmation or
			Add Que	estion Here
Question 36 🛟	Multiple Choice	10 points	Modify	Remove
	Question Which of the options from a "drop of <b>Answer</b>	ne following components allows the user to sel down" menu? check boxes radio buttons sliders combo boxes None of these		everal
Question 37	Multiple Choice	10 points	Modify	Remove
	Answer	ne following is a fundamental idea of good GU Know the user Prevent user errors Optimize user abilities. Be consistent. All of the above		action Horo
Question 38	True/False	10 pointo		estion Here
Question 38		10 points omposed of components, events that represen I to those events. ✓ True False	Modify It user action	Remove

			Add Question Here
Question 39 🛟	True/False	10 points	Modify Remove
	Question A frame is similar to	a driver and a panel is similar to a c	lass
	Answer	🗸 True	
		False	
			Add Question Here
Question 40 🛟	True/False	10 points	Modify Remove
	Question There's nothing mor	e you need or should learn about pr	ogramming.
	Answer	True	
		✓ False	
			Add Question Here
			ОК