* **Question 1**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Choose all that apply to an abstract class **Car**:  Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answers: | https://blackboard.ric.edu/images/spacer.gif a.   An object can be declared as a Car.  https://blackboard.ric.edu/images/spacer.gif d.   Car must have at least one abstract method.  https://blackboard.ric.edu/images/spacer.gif e.   The Class Convertible can be a subclass of Car. | |  |  |  |

* **Question 2**

0.4 out of 0.4 points

|  |  |  |  |  |
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|  |  | | | |
|  | The capacity of an ArrayList automatically grows as new items are added.  Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | https://blackboard.ric.edu/images/spacer.gif True | |  |  |  |

* **Question 3**

0.4 out of 0.4 points

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| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If RICStudent is a subclass of College, the following statement is valid:  RICStudent r1 = new CollegeStudent();  Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | https://blackboard.ric.edu/images/spacer.gif False | |  |  |  |

* **Question 4**

0.4 out of 0.4 points

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| --- | --- | --- | --- | --- |
|  |  | | | |
|  | It is possible to have inheritance without polymorphism  Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | https://blackboard.ric.edu/images/spacer.gif True | |  |  |  |

* **Question 5**

0.4 out of 0.4 points

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|  |  | | | |
|  | Overriding of an inherited method, means that the subclass has its own method and does not use the one inherited from the superclass.  Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | https://blackboard.ric.edu/images/spacer.gif True | |  |  |  |

* **Question 6**

0.4 out of 0.4 points

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|  |  | | | |
|  | Defining two different methods with the same name but different signature is called method overloading.  Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | https://blackboard.ric.edu/images/spacer.gif True | |  |  |  |

* **Question 7**

0.4 out of 0.4 points

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|  |  | | | |
|  | An accessor method returns the value of an instance variable  Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | https://blackboard.ric.edu/images/spacer.gif True | |  |  |  |

* **Question 8**

0 out of 0.4 points

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|  |  | | | |
|  | All elements of an ArrayList must be of the same data type or a subtype of that type  Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | https://blackboard.ric.edu/images/spacer.gif False | |  |  |  |

* **Question 9**

0.4 out of 0.4 points

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|  |  | | | |
|  | The**declared** type of the object can be from the subclass of the actual type of the parameter  Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | https://blackboard.ric.edu/images/spacer.gif False | |  |  |  |

* **Question 10**

0.4 out of 0.4 points

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|  |  | | | |
|  | Dynamic binding means that given a number of methods with the same name, Java decides at runtime which one will be executed.  Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | https://blackboard.ric.edu/images/spacer.gif True | |  |  |  |

* **Question 11**

0.4 out of 0.4 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A class must have only one constructor  Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | https://blackboard.ric.edu/images/spacer.gif False | |  |  |  |

* **Question 12**

0.5 out of 0.5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | 1. The Java statement,  *public Item()*  Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | https://blackboard.ric.edu/images/spacer.gif d.  is the header for the constructor | |  |  |  |

* **Question 13**

0 out of 0.5 points

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| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A method in a subclass that has the same signature as a method in the superclass is an example of  Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | https://blackboard.ric.edu/images/spacer.gif b.  overloading | |  |  |  |

* **Question 14**

0 out of 0.5 points

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|  |  | | | |
|  | Which statement prints the 5th element in the ArrayList, stringList?  Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | https://blackboard.ric.edu/images/spacer.gif a.  System.out.println(stringList.get(6)); | |  |  |  |

* **Question 15**

0 out of 0.5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Determine the expected output from the following code:  *int[ ]  values =  new values [4];*  *int j = 1;*  *for (int i = 0; i < 5; i++;{*  *values[i]= j;*  *j = j+2;*  *}*  *System.out.println(values[3]);*  Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | https://blackboard.ric.edu/images/spacer.gif a.  5 | |  |  |  |

* **Question 16**

0.5 out of 0.5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Suppose an object is stored at index 6 in an ArrayList.  What will be its index immediately after the objects at index 2 and index 8 are removed?    Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | https://blackboard.ric.edu/images/spacer.gif b.  5 | |  |  |  |

* **Question 17**

0.5 out of 0.5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which statement creates an ArrayList of Strings called stringList?    Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | https://blackboard.ric.edu/images/spacer.gif d.  stringList = new ArrayList<String>(); | |  |  |  |

* **Question 18**

0.5 out of 0.5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following statements will correctly place the string “JAVA” into the arrayList called   stringList at index = 3?    Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | https://blackboard.ric.edu/images/spacer.gif a.  stringList.add(3, “JAVA”); | |  |  |  |

* **Question 19**

0.5 out of 0.5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Encapsulation is implemented in Java by  Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | https://blackboard.ric.edu/images/spacer.gif a.  by making instance variables private and instance methods public | |  |  |  |

* **Question 20**

0.5 out of 0.5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | To determine the number of items stored in an ArrayList object, you use the following method:  Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | https://blackboard.ric.edu/images/spacer.gif a.  size | |  |  |  |

* **Question 21**

0 out of 0.5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | *int[][] numbers = new int[5][5];*  *int anumber = 1;*  *for (int i = 0; i < 5; i++){*  *for (int  j = 0; j < 5; j++){*  *numbers [i][j] = anumber;*  *}*  *anumber = anumber + 2;*  *}*  *System.out.println(numbers[0][3] + "   "  + numbers [3] [0]);*    The output for the preceding code is:  Answer |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | https://blackboard.ric.edu/images/spacer.gif d.   1  5 | |  |  |  |

Sunday, February 16, 2014 2:06:06 PM EST

[**OK**](javascript:launch('/webapps/blackboard/content/listContent.jsp?content_id=_1271658_1&course_id=_60069_1&nolaunch_after_review=true');)