

# Java 2 Programmer Exam Cram 2

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## First Printing Corrections

Pg	Error	Correction
<b>Cram Sheet</b>	<p>6. protected – Only methods in the same package or in subclasses can access protected class members. This keyword is not applied to classes.</p> <p>private – Only methods in the same class can access a private member. This key word is not applied to classes.</p>	<p>6. protected – Only methods in the same package or in subclasses can access protected class members. This keyword is not applied to <b>normal (non-tested)</b> classes.</p> <p>private – Only methods in the same class can access a private member. This key word is not applied to <b>normal (non-tested)</b> classes.</p>
15	<p>4<sup>th</sup> paragraph, 1<sup>st</sup> sentence</p> <p>You can import an entire group of classes in a package using the familiar wildcard * to <del>simply</del> any class name,</p>	<p>4<sup>th</sup> paragraph, 1<sup>st</sup> sentence</p> <p>You can import an entire group of classes in a package using the familiar wildcard * to <b>represent</b> any class name,</p>
18	<p>Last paragraph, 1<sup>st</sup> sentence</p> <p>An identifier can begin with a letter, a dollar sign (\$), or an underscore <del>character</del> (_).</p>	<p>Last paragraph, 1<sup>st</sup> sentence</p> <p>An identifier can begin with a letter, a dollar sign (\$) <b>or another Unicode currency symbol</b>, or an underscore (_).</p>
39	<p>1<sup>st</sup> paragraph, 2<sup>nd</sup> sentence</p> <p>This rule can be important if the left operand <del>is</del> a method call or an expression that modifies a variable that appears on the right.</p>	<p>1<sup>st</sup> paragraph, 2<sup>nd</sup> sentence</p> <p>This rule can be important if the left operand <b>invokes</b> a method call or an expression that modifies a variable that appears on the right.</p>
69	<p>Alert</p> <p>With reference variables, final means</p>	<p>Alert (text added)</p> <p>With reference variables, final means that</p>

	that the initial object reference cannot be replaced by another object reference – not that the object itself cannot be modified.	the initial object reference cannot be replaced by another object reference – not that the object itself cannot be modified. <b>Instance variables declared final must have a value set during construction of the instance.</b>
79	2nd paragraph, last sentence  All methods in an interface are implicitly abstract.	2nd paragraph, last sentence  All methods in an interface are implicitly abstract <b>and public.</b>
91	Last paragraph, 2nd sentence  The operation of the BubTimer as an extension of <b>thread</b> is discussed in Chapter 10...	Last paragraph, 2nd sentence  The operation of the BubTimer as an extension of <b>Thread</b> is discussed in Chapter 10...
103	Bottom paragraph 1st line  Answer D is correct. <del>t</del> shows	Bottom paragraph 1st line  Answer D is correct. <b>It</b> shows
158	Last paragraph, 3rd line  Answer B is incorrect because the keyword needed is throw; <del>throw</del> is used in method declarations.	Last paragraph, 3rd line  Answer B is incorrect because the keyword needed is throw; <b>throws</b> is used in method declarations.
193	2nd paragraph, 2nd sentence  It is possible to attach more than one thread to a <del>runnable</del> object.	2nd paragraph, 2nd sentence  It is possible to attach more than one thread to a <b>Runnable</b> object.
200	Last sentence  If a thread that has a lock on one or	Last sentence  If a thread that has a lock on one or more

	more objects dies, the JVM removes the locks and does the equivalent of notifyAll for each object locked.	objects dies, the JVM removes the locks. <del>and does the equivalent of notifyAll for each object locked.</del>
215	2nd bullet at top of page  <i>The pow method</i> – This method takes two values as arguments and returns the value of the first argument raised to the power of the second argument.	2nd bullet at top of page  <i>The pow method</i> – This method takes two values as arguments and returns the value of the first argument raised to the power of the second argument. <b>The arguments and return values are double primitives.</b>
230	1st paragraph 1st sentence under the heading "The Hashtable Object"  The hashtable <del>classis</del> designed to store...	1st paragraph 1st sentence under the heading "The Hashtable Object"  The hashtable <b>class is</b> designed to store...
235	Paragraph before the last code sample  If the class implements the Map interface, the <del>iterator</del> method is not directly available, but can be obtained indirectly by calling the keySet method, as follows:	Paragraph before the last code sample  If the class implements the Map interface, the <b>iterator</b> method is not directly available, but can be obtained indirectly by calling the keySet method, as follows:
242	Option C  The default implementation of <del>equals</del> is to return the memory address of the object.	Option C  The <b>typical</b> default implementation of <b>hashCode</b> is to return the memory address of the object.
273	Question 12  12. A, B	Question 12  12. A, B, D

274	<p>Question 44</p> <p>44. <del>D</del>, E</p>	<p>Question 44</p> <p>44. <b>B</b>, E</p>
275	<p>Answer 5, 2nd sentence</p> <p>Answer B is correct. The compiler error message <del>in</del> Public class Base must be defined in a file called Base.java.</p>	<p>Answer 5, 2nd sentence</p> <p>Answer B is correct. The compiler error message <b>is:</b> Public class Base must be defined in a file called Base.java.</p>
276	<p>Answer 12, 1st sentence</p> <p>Answers <del>A and B</del> are correct.</p>	<p>Answer 12, 1st sentence</p> <p>Answers <b>A, B, and D</b> are correct.</p>
282	<p>Answer 44, 1st sentence</p> <p>Answers <del>D</del> and E are correct.</p>	<p>Answer 44, 1st sentence</p> <p>Answers <b>B</b> and E are correct.</p>
315	<p>Key 23</p> <p>16. B</p> <p>23. A, <del>C</del></p>	<p>Key 23</p> <p>16. B, <b>D</b></p> <p>23. A</p>
317	<p>Answer 5</p> <p>Answer B is correct. Answer A is incorrect because the <del>Boolean</del> array is constructed with default values of false. Answer C is incorrect; it cannot occur because the special value null is used only with objects and this is a primitive reference. Answer D is incorrect; it does not occur because this is a legal way to</p>	<p>Answer 5</p> <p>Answer B is correct. Answer A is incorrect because the <b>boolean</b> array is constructed with default values of false. Answer C is incorrect; it cannot occur because the special value null is used only with objects and this is a primitive reference. Answer D is incorrect; it does not occur because this is a legal way to construct a member variable array of <b>boolean</b> primitives.</p>

	construct a member variable array of <b>Boolean</b> primitives.	variable array of <b>boolean</b> primitives.
318	<p>Answer 15, last sentence</p> <p>Answers C and D are incorrect because both have to be selected and <del>then</del> asked for the minimum change.</p>	<p>Answer 15, last sentence</p> <p>Answers C and D are incorrect because both have to be selected and <b>the question</b> asked for the minimum change.</p>
320	<p>Answer 23, 1st sentence</p> <p><del>Answers A and C are correct.</del></p> <p>Answer 23, 3rd sentence</p> <p>Answer C is <del>correct</del> because <del>when extending a class that has</del> a finalize method, <del>you must write a finalize that executes</del> super.finalize().</p>	<p>Answer 23, 1st sentence</p> <p><b>Answer A is correct.</b></p> <p>Answer 23, 3rd sentence</p> <p>Answer C is <b>incorrect</b> because <b>if you do not write a</b> finalize method, <b>the</b> super.finalize() <b>will be called.</b></p>
320	<p>Answer 26, 5th sentence</p> <p>Answer D is incorrect because only constants can appear in a <del>switch</del> statement.</p>	<p>Answer 26, 5th sentence</p> <p>Answer D is incorrect because only constants can appear in a <b>case</b> statement.</p>