ANSWER KEY
Practice Test 1

Section I

1. **C**	15. **B**	29. **B**
2. **C**	16. **C**	30. **A**
3. **D**	17. **D**	31. **C**
4. **C**	18. **E**	32. **A**
5. **E**	19. **E**	33. **E**
6. **E**	20. **A**	34. **C**
7. **A**	21. **B**	35. **E**
8. **D**	22. **A**	36. **A**
9. **B**	23. **D**	37. **D**
10. **E**	24. **C**	38. **C**
11. **C**	25. **B**	39. **A**
12. **A**	26. **E**	40. **E**
13. **B**	27. **C**	
14. **C**	28. **D**	

ANSWERS EXPLAINED

Section I

1. **(C)** Testing a program thoroughly does not prove that a program is correct. For a large program, it is generally impossible to test every possible set of input data.
2. **(C)** The private instance variable `hourlyWage` must be incremented by `amt`. Eliminate choice E, which doesn't *increment* `hourlyWage`; it simply *replaces* it by `amt`. Choice D is wrong because you can't use a method call as the left-hand side of an assignment. Choices A and B are wrong because the `incrementWage` method is void and should not return a value.
3. **(D)** The value of the boolean instance variable `isUnionMember` must be changed to the opposite of what it currently is. Segments I and II both achieve this. Note that `!true` has a value of `false` and `!false` a value of `true`. Segment III fails to do what's required if the current value of `isUnionMember` is `false`.
4. **(C)** `computePay` is a client method and, therefore, cannot access the private variables of the class. This eliminates choices A and D. The method `getHourlyWage()` must be accessed with the dot member construct; thus, choice B is wrong, and choice C is correct. Choice E is way off base—`hours` is not part of the `Worker` class, so `w.hours` is meaningless.