Technical Review   
Câu 1. What are the types of technical review?   
Câu 2. What is the name of inspection process?   
Câu 3. What is the result of the review?   
Câu 4. What is Pair Programming?   
Câu 5. What are the steps of Inspection Process?   
Câu 6. Who are involved in the inspection meeting?   
Câu 7. What are the benefits of the inspection?   
Câu 8. Which statement is TRUE when you are exanimating technical review?   
Câu 9. According to Capers Jones in “Software Defect Removal Efficiency, Design and Code   
Inspections” usually remove ... of product defects   
Câu 10. According to Votta in "Does every inspection need a meeting" - 8/1993, Inspection   
meetings contribute only an additional ... to the number of defects were already found by   
private code-readings   
Câu 11. According to Conradi in Architecture Reviews, when they using 25% times for reading   
and 75% times for a meeting, so ...of the defects were found during reading   
Câu 12. All studies of Inspection have common results, the meeting will find very few errors   
compared to the reading code. Why are many companies still inspecting the code by meeting?   
Câu 13. What are three types of Object Oriented 's review?   
Câu 14. What is the most successful type of Object Oriented's review?   
Câu 15. What is the maximum time to peer code review?   
Câu 16. In the Cisco Collaborate tool, what are the roles in a review?   
Câu 17. What are the roles in the inspection process?   
Câu 18. When you create a review by using Cisco Collaborate, what roles must be included?   
Câu 19. When you use inspection process, what roles must be included?   
Câu 20. Cisco Collaborator tool is used to:   
Câu 21. Cisco tool is run on:   
Câu 22. What is SCM?   
Câu 23. Which is stage efficiency for finding code defects?   
Câu 24. What is the responsibility of Inspector?   
Câu 25. Which review that the participants do not need to prepare or read the material?   
Câu 26. Which phase of inspection is used to choose inspectors?   
Câu 27. What is code defect in Technical Review?   
Câu 28. All studies of Inspection have common results, the meeting will find very few errors   
compared to the reading code. Why are many companies still inspecting the code by meeting?   
Câu 29. What is the most formal technical review?   
Câu 30. What is the most informal technical review?   
II. Configuration Management   
Câu 31. SCM is an abbreviation of?   
Câu 32. SCM is used to ....

Câu 33. What are the steps to work with SCM?   
Câu 34. If Software Engineer2 checks in a file when Software Engineer1 has checked in it. What   
will SCM system do?   
Câu 35. The version of the software is 1.01.0012. The number 0012 means....   
Câu 36. The version of the software is 1.01.0012. The number 1 means....   
Câu 37. The version of the software is 1.02.0012. The number 02 means....   
Câu 38. What is the right definition about Eclipse?   
Câu 39. For Eclipse to work with SVN, which tool must you add to Eclipse?   
Câu 40. By default, the password of admin user of Cisco Collaborate tool is   
Câu 41. What is the name of the SVN software installed in client?   
Câu 42. What is the right definition of Ant?   
Câu 43. In order to use Eclipse, you must ....   
Câu 44. SVN is an abbreviation of.....   
Câu 45. In software project development, who usually does the unit test?   
Câu 46. Which library supports unit test in Eclipse?   
Câu 47. Developers transfer codes and test-case to....   
Câu 48. JUnit is used to .....   
Câu 49. What are defects in coding phase?   
Câu 50. What does the AssertTrue() method do?   
Câu 51. What does the AssertEquals() method do?   
Câu 52. CruiseControl was written in?   
Câu 53. Why do we choose CruiseControl in our SCM system?   
Câu 54. When the Unit test results display 1 error. That means...   
Câu 55. When the Unit test results display 1 failure. That means...   
Câu 56. When you create a test with JUnit by eclipse. The default unit test class name is ...   
Câu 57. Which error is found by the unit testing?   
Câu 58. ANT is used to ....   
Câu 59. CruiseControl can...   
Câu 60. For building java project using ANT, you must write config file in ...   
III. Refactoring   
Câu 61. Which statement is WRONG when you are talking about refactoring?   
Câu 62. What is a code smell?   
Câu 63. Long method (code smell) is...   
Câu 64. Duplicated code (code smell) is...   
Câu 65. When must you refactor your codes?   
Câu 66. How to refactor this code?   
double circlesquare= radius\*radius\*3.14;   
Câu 67. What are the goals of Refactoring technology?   
Câu 68. What is the reason for NOT to refactor codes?   
Câu 69. When you want to move some lines of codes to a new procedure. What will you do in   
Eclipse?

Câu 70. For moving a method from subclass to supper class in eclipse. What refactoring technic   
will you do?   
IV. Teamwork   
Câu 71. Which statement is true about teamwork?   
Câu 72. Why do we need to build the teamwork?   
Câu 73. In tips for receiving feedback, when you listen carefully and try to understand the   
meaning of the feedback, what is this kind of technic called?   
Câu 74. Role of a team leader in helping all members working together:   
Câu 75. What is the characteristic of high-performance teams in company mission?   
Câu 76. What is the characteristic of high-performance teams when your company gets CMM   
standard?   
Câu 77. What are team member’s competence?   
Câu 78. Positive receiving feedback, listen without frequent interruption or objections is...   
Câu 79. What is the difference between team and group?   
Câu 80. What is the characteristic of high-performance teams when you share knowledge with all   
team members?   
Câu 81. Which tool or software is used to manage the tasks of team members?   
Câu 82. What is the scheduling tools?   
V. Process   
Câu 83. How do we define a Process?   
Câu 84. What are the ways to create a process?   
Câu 85. In the software project, how many processes should be used?   
Câu 86. The best period of time for one Sprint Backlogs in Scrum process is?   
Câu 87. The process you can see insight is...   
Câu 88. "Process is often described as a leg of the..."   
Câu 89. What is the correct stage order of a process?   
Câu 90. It is better to use process in a (an)...   
Câu 91. What are the fundamentals of Software Quality Process?   
Câu 92. What are the fundamentals of Software Development Process?   
VI. Testing and Quality   
Câu 93. When you test the number of users access the website at the same time, that is...   
Câu 94. The goal of testing is...   
Câu 95. When will you evolve and expand your test suite over time?   
Câu 96. What is Integration Testing?   
Câu 97. If you want to know the Module1 work together with the Module2 are correct or not.   
What case of the test will you do?   
Câu 98. When you test the number of users access the website at the same time, that is...   
Câu 99. What is the normal order of activities software testing? 1. Integration testing

2. Unit testing 3. System testing 4. Acceptance testing   
Câu 100. Which type of project bellow needs more and more testing   
Câu 101. In Agile processes, what phase can customers participate?   
Câu 102. Which library supports unit test in Eclipse?   
   
PHẦN LÀM Ở NHÀ   
The following application has two, three.... classes A, B, C... (chú ý là A, B C là những bài toán   
thực như tìm số nguyên tố, sắp xếp mảng...)   
Class 1: A   
package FinalExam; public class A { //... }   
Class 2: B   
package FinalExam; public class B { //... } }   
a. Write code for two classes above (0 point)   
Sinh viên tự viết code cho hai lớp ở trên (không tính điểm – chỉ để làm câu b, c)   
b. Write Junit code to test for two classes above (1.5 points)   
Viết unit test để test code đã viết   
c. Refactoring these classes (1.5 points)   
Refactoring code đã viết Chú ý:   
- Giữ nguyên code ban đầu   
- Code phần unit test bỏ trong pakage là họ của sinh viên (không dấu). VD: tran   
- Code phần refactoring bỏ trong pakage là tên của sinh viên(không dấu). VD: sanh