

AMDG

Pick **at most** 8 items and answer in essay form. All essays should have **at least 3 sentences**. Make sure you use your own words in your essay. Email your answers to: [rramos@gmail.com](mailto:rramos@gmail.com) with the subject line: **APPDEV MIDTERMS 2011 <your name>**. The test is good for 100 points. Passing mark is 70 points. It is up to you to pick the right combination of questions to pass. Only your first 8 items will be scored if you choose to answer more than 8.

**Deadline: March. 5, 2010**

Please indicate the question you are answering on your submission. Good luck!

1. Describe the difference between an HTML file and a JSP file. (15 points)
2. How are HTML files and JSP files similar? (10 points)
3. Explain the entire process that happens to a JSP file from the moment a user requests it to the moment the user receives the page he/she requested. (15 points)
4. What does Tomcat do for us? (10 points)
5. What is the difference between a static web page and a dynamic web page? (10 points)
6. Why is testing important? (10 points)
7. List the basic steps of the software development life cycle and give a short explanation of each. (15 points)
8. What are the 3 different types of tests? Explain each one. (15 points)
9. Write the basic skeleton of an HTML page. (20 points)
10. Write the basic skeleton of a JSP page. (20 points)
11. Explain affordance. (10 points)
12. What is a mental model? (15 points)
13. Discuss 3 concepts of good GUI design. (20 points)