

Name: _____

You may use books, notes, Wikipedia, etc., but not another person.
Slide the exam under my office door (MK353) by December 13th at 5pm.

1. What problems does Patchworks aim to solve? (10 points)
2. What are three things you can measure to understand how performant users are with a user interface? (10 points)
3. What is a development process that you can follow such that you are always ready to demo your application? (10 points)

4. Match the pattern on the left to the relevant description on the right. (20 points)

Builder	Your app has an object that should persist forever and be created only once.
Observer	Your app needs to generate XML files from scratch.
Memento	Your app needs to save its state so that it can auto-recover from crashes.
Adapter	Your app needs to support switching among several different instant messaging libraries, but each one has a different interface.
Singleton	Your app needs an event handling system.

