Study Sheet for the Final

*Use the previous two study sheets in addition to this one.*

1. Explain how Ruby on Rails uses the Model-View-Controller software architecture.

2. Rails uses Object-Relational Mapping to access a database. Explain what this means and give several examples.

3. How does routing work in Rails?

4. How do you specify one-to-one and one-to-many relationships in Rails?

5. What is a database transaction and when would you use it?

6. Explain how HTTP cookies can be used to create the idea of a session. How does Rails use this to create session state?

7. What is a service oriented architecture?

8. What is a web service?

9. In the W3C web services architecture, what roles do the following protocols play: UDDI, WSDL, and SOAP?

10. How does the REST architecture compare to SOAP?