Revision

- Any 4 questions from 8 (4 PM, 4 BA)

Standards and Internet Technologies

- Be fluent in appropriate acronyms and explain them

- TCP/IP, DHCP, DNS, Features of Web servers/ Browsers, HTTP Get and response

- Security (HTTPS), Public/Private Keys, Certificates etc.

Web based applications – building and architecture

- Technologies used in building - semantic markup, structured style sheets

- Building approaches - frameworks

- Server side versus client side

- Mobile web

Open Source / GPL

- What is Open Source/Free software?

- Open Source / Free software license

- GPL 3 compared to previous versions

- Free software philosophy Vs Open Source

Cutting edge...

- Web 2.0, Web 3.0?

- RIAs - standards based AJAX / plugin based Flash or Silverlight

- Examples (Google technologies), architecture, advantages/disadvantages

When approaching an explanation of a technology, protocol or standard, it is useful to have (at least) the following points:

- If the technology is an acronym, then explain what it means, i.e. FTP stands for File Transfer Protocol

- Try to explain some of the background history, i.e. whether it was created by an individual, a company or some other organisation and when

- Summarise what the technology actually does, i.e. its purpose and use

- Explain an actual example

Do NOT confuse a protocol with a standard or a piece of software