1. Briefly explain (2 – 3 lines) the following protocols:
   - HTTP
   - HTML
   - SMTP
   - RFC822
   - POP3

2. One reasonable way of grouping the above protocols into two sets is \{HTTP, HTML\} and \{SMTP, RFC822, POP3\}. Another reasonable grouping is as \{RFC822, HTML\} and \{HTTP, SMTP, POP3\}. Explain why both groupings are reasonable.

3. When you direct your browser to http://groklaw.net a DNS query is sent from your computer. A DNS response is received which includes the IP address corresponding to the name groklaw.net. Explain the series of steps involved in this process.

4. Explain the difference between recursive and iterative DNS queries. Illustrate using the query response process for resolving groklaw.net.