1. Briefly explain how an attacker can poison the DNS cache of a local DNS server (5 points)

2. What are the 4 new types of records introduced by DNSSEC. Explain the purpose of each type (5 points)

3. What are some of reasons that led to poor adoption of DNSSEC? (4 points)

4. Explain the tasks performed in each of the four phases of the SSL handshake protocol (4 points)

5. What is the relationship between SSL/TLS and PKI? (2 points)