1. Briefly explain the need for dual signatures in SET. How is this feature implemented? (3 points)

2. What is cache poisoning in the context of DNS servers? How is this achieved? (3 points)

3. State true or false, and provide a one-line clarification (4 points)
   a) SSL sits between the transport and network layers in the TCP/IP stack
   b) Every SSL record packet is authenticated using a digital signature.
   c) Phase 3 of the HP protocol is used only when authentication of client is desired.
   d) In most typical scenarios where SSL is used, clients authenticate themselves to servers using RSA signatures.