Review Exercises

Chapter 3

1. Write and explain five different SIP URIs.
2. In a SIP message, how do we know the message is a request message or a response message?
3. Use a figure with signaling flows to explain the operation of SIP in proxy server mode.
4. Use a figure with signaling flows to explain the operation of SIP in redirect server mode.
5. What is the Offer/Answer model in SDP? Use a simple example to show that two parties can reach an agreement for the media used in a session by using SIP with SDP. (show the completed SIP messages)
6. In 3GPP IMS, what are the major differences between Serving CSCF (S-CSCF), Proxy CSCF (P-CSCF), and Interrogating CSCF (I-CSCF)?
7. In 3GPP IMS, how does the S-CSCF interact with the OSA Application Server, SIP Application Server, and CAMEL Service Environment?
8. In 3GPP IMS, for what purposes the network may want to initiate deregistration of a user?