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1. What are the principal differences between the two prevailing wireless network technology, wireless 802.11 and Bluetooth? Please list their differences on the categories of protocols, purposes and limitations. (20%)
2. Describe the characteristics of connectionless communication and connection-oriented communication? (10%) Give two existing network services, one employs connectionless communication and the other uses connection-oriented communication and please describe the reasons why the two services employ the two different communications, respectively? (10%)
3. Why will IPv6 play an important role in the future network (10%)? Please describe its differences from IPv4 based on the concept of the OSI model (10%)
4. The stream technology is one of the key points to fulfill the dream of VOD (Video On Demand) and video conference in the Internet. Please describe what the stream technology is and what kind of protocols is employed to deliver real time multimedia in the Internet? (15%)
5. Please describe the following terminologies (25%)
  - 甲、 CSMA/CA
  - 乙、 Sliding window
  - 丙、 SOAP
  - 丁、 Error control in TCP
  - 戊、 XML