

Graded Assessment – Communication Networks and Services

1. Which of following protocol is HTTP built upon?

- IP
- SMTP
- **TCP**
- UDP

2. Which of following requirements are necessary for packet networks to support multiple and diverse applications?

- Transfer arbitrary message size
- Low delay for interactive applications
- Packets have maximum length
- **All of the above**

3. What was the concern of the telephone system that motivated the ARPANET design?

- Scalability
- **Vulnerability**
- Efficiency
- None of the above

4. Which of the following is an application layer protocol?

- TCP
- UDP
- **DNS**

- HTTP

5. Which of the following are features of ARPANET design?

- Connectionless packet transmission
- Routing tables at the packet switches
- Destinations identified by unique addresses
- **All of the above**

6. Bluetooth is an example of

- Wide Area Network
- Local Area Network
- Metropolitan Area Network
- **Personal Area Network**

7. In the layer hierarchy as the data packet moves from the upper to the lower layers, headers are

- Modified
- Removed
- Rearranged
- **Added**

8. The _____ is the physical path over which a message travels

- **Medium**
- Path
- Route

- Protocol

9. Three or more devices share a link in _____ connection

- Unipoint
- **Multipoint**
- Point to Point
- None of the above

10. Which of the following is true for Transport Control Protocol

- **Connection oriented**
- Process to Process
- Transport layer protocol
- Connectionless