

Week- 2

Practice Assessment – Layered Architecture

1. Which OSI layer is responsible for providing end-to-end communication with reliable service?

- Network layer
- **Transport layer**
- Session layer
- Data link layer

2. Which OSI layer is responsible for dividing the transmitted bit stream into frames?

- Application layer
- Transport layer
- Network layer
- **Data link layer**

3. Which OSI layer is responsible for determining which route through the network to use?

- **Network layer**
- Data link layer
- Transport layer
- None of the above

4. Which feature does the data link layer and transport layer have in common?

- All of the above
- Medium access control
- Congestion control
- **Flow control**

5. Which protocol glues the network of networks together as the Internet?

- TCP
- UDP
- **IP**
- None of the above