# Computer Networks

Q1: Which layer of the OSI model is responsible for logical addressing?

A) Physical Layer
B) Data Link Layer
C) Network Layer
D) Transport Layer

**Answer: C) Network Layer**

Q2: Explain the difference between TCP and UDP.

**Answer: TCP is connection-oriented and ensures reliable delivery, while UDP is connectionless an**

Q3: Which of the following protocols is used for email retrieval?

A) HTTP
B) FTP
C) IMAP
D) SMTP

**Answer: C) IMAP**

Q4: What is the purpose of a subnet mask?

**Answer: A subnet mask is used to divide an IP address into network and host portions for efficient**