# **Explain the OSI and TCP reference model?**

# **What is Link?** A link refers to the connectivity between two devices. It includes the type of cables and protocols used for one device to be able to communicate with the other device.

# What is Node?

# What are routers?

# What is a point-to-point link?

# What is anonymous FTP?

# What is subnet mask?

# What is data encapsulation?

# What is Network Topology?

# What is VPN?

# What is NAT?

# What is RIP?

# What are the different ways of securing a computer network?

# What is NIC?

# What is WAN?

# **What are proxy servers, and how do they protect computer networks?**

# What is private IP address?

# What is NOC?

# What is DOS?

# What is MAC address?

# How can you identify the IP class of a given IP address?

# What are firewalls?

# What are gateways?

# Give some examples of private network address?

# What is tracert?

# What are the functions of a network administrator?

# What is the main dis-advantage of a peer-to-peer network?

# What is hybrid network?

# What is DHCP?

# What is TCP/IP?

# What is the use of a default gateway?

# What is netstat?

# What is ICMP?

# What is ping?

# What is peer-to-peer?

# What is DNS and it’s working?

# What are advantages does fiber options have over other media?

# Difference between hub and switch?

# What are the maximum networks and hosts in class A, B and C network?

# What is the Client/Server?

# Describe networking?

# Describe ethernet?

# What is SMTP?

# What is multicast routing?

# What is the importance of encryption on a network?

# Explain the importance of authentication?

# What is meaning by tunnel mode?

# What is the role of the IEEE in computing networking?

# What protocols fall under the TCP/IP internet layer?

# What is one basic requirement for establishing VLAN?

# What is difference between TCP and UDP?

# What is IPv4 and IPv6?

# What is a decoder?

# How to use VPN?

# Explain the term pipelining?

# Which measurement unit is used to measure the transmission speed of ethernet?

# What is TCP Three-Way handshake?

# What is MAC address?

# Why we use Mac address?

# What is an analog Signal?

# What is a digital Signal?

# What is modem? What are the advantages?