## Interview questions

TCP/IP: transmission control protocol

SMTP: simple mail transfer protocol

FTP: file transport protocol

HTTP:hyper test transfer protocol

ADSL: asymmetric digital subscribe line

NAT: network address translation

WINS: windows internet naming server

POP3: post office protocol

SNMP: simple network management protocol

NNTP: network news transport protocol

WEP: wireless equivalency privacy

PAT: port address translation

URL: uniform resource locator

UNC:

RADIUS: Remote accesses dial in user service

VCI:

Wi-Fi: wireless fidelity

VPN: virtual private network

MTU: maximum transfer unit

MRTG:

VPI:

DNS: domain naming service

DHCP: dynamic host configure protocol

PING: packet internet gropher

TFTP:

DSL: digital subscribe line

MODEM: modulation and de modulation

* What is a ROUTER?
* Which layer of OSI model which defines how cables is attached to a network adapter card?
* What is loop back ip address?
* Which layer consists of htpp/ftp/telnet protocols?
* What is difference between Dial-up connection and broadband connection?
* What is broadcast address?
* What is VPN?
* Internet band width measured in?
* What is mean by upload data?
* The maximum download bandwidth in ASDL?
* The error that appears when the login name/password is wrong?
* The maximum data transfer rate through a USB port of version 1.1?
* What command used to renew the ip address?
* Hardware address is also known as?
* The layer in which routing is done?
* What is the difference between CAT5e and CAT6?
* The device used to connect nodes of the same network?
* Cable used to connect one router to another router?
* Maximum downstream bandwidth in ADSL2+ ?
* …………….. has single broadcast domain & multiple collision domain?
* The class of ip addresses provides max Hosts?
* The slow browsing reasons are
* Slow browsing complaint can be solved by?
* Components required for designing a LAN net work in star topology?
* What is Disk Quota?
* What is Active Directory?
* What is RSOP?
* What is the default lease period for DHCP server?
* What is Global catalog?
* How to enable telnet in windows?
* Difference between Differential and Incremental Backup?
* What are the two types of replication?
* What is access list? Mention various types?
* What is a firewall, mention types of firewall?
* What is RIP & IGRP?
* Difference between RIP version 1 and RIP version?
* What is VLAN?
* Define the private IP address range of class A,B & C with example?
* What is PRI and BRI wrt ISDN?
* Difference between PSTN and ISDN?
* Difference between Mac address and ip address?
* What is VOIP?
* Give 3 examples of router series?

PROTOCOL PORT NUMBER

Http………………………………………………….80

Https…………………………………………………443

Ftp…………………………………………………….21

tftp…………………………………………………..69

ssh…………………………………………………….22

telnet…………………………………………………23

smtp…………………………………………………..25

imap…………………………………………………..143

pop3……………………………………………………110

nntp…………………………………………………….119

snmp…………………………………………………..161

dns………………………………………………………53

DHCP ser………………………………………………67

DHCP cli……………………………………………….68

**LAYER DATA FORM DEVICE SOURCE**

TRANSPORT SEGMENTS TCP, UDP PORT NUM

NETWORK PACKET ROUTER IP

DATALINK FRAME BRIDGE&SWITCH MAC

PHYSICAL BITS HUB, MAC, REPEATER

FOR MORE DETAILS VISIT