IMPORTANT QUESTION

COMPUTER NETWORK

(5 mark)

(i) Explain shielded and Unshielded
(ii) How data transmission work in physical layer
(iii) Explain data flow control works in DLL and transport layer
(iv) Feature of TCP
(v) Explain Uses of DHCP, DNS
(vi) Error Detection technique works in Data Link Layer
(vii) Compare TCP V/s UDP
(viii) Compare IPV4 V/s IPV6
(ix) Explain in detail about IPv4 Class
(x) Explain uses of Transport Layer
(xi) List out the responsibilities of Application Layer
(xii) How to trace route and ping Cmd
(xiii) How ~~Bor~~ Routing algorithm work with ~~exampl~~ example
(xiv) What are the protocols used in transport layer
(xv) Explain FTP, TFTP, SFTP

(9 mark)

(i) How Switching technique works
(ii) Explain the structure of TCP segments
(iii) How to find shortest path in Transport layer
(iv) How data delivery in DLL
(v) Types of Network Topology
(vi) Explain three way handshake
(vii) Compare stop and wait v/s sliding window
(viii) List & explain OSI model
(ix) Compare UDP v/s TCP

(12 mark)

(i) Dynamic IP address in DHCP
(ii) State of Configration NAT with suitable
(iii) Configure HTTP server
(iv) Routing configration using network tools
(v) Configure email server
(vi) Configure DNS diagram.