

Total Questions: 52

Total Marks: 80

Questions & Marks Division:-

1*40 MCQs, 4*2 Marks, 4*3 Marks, 4*5 Marks.

Question 41:- How many bits in MAC Address according to their scheme? (2)

Question 42:- What are the services provided by TCP? (2)

Question 43:- If some packet has some error, which IP datagram header field indicates you about error? (2)

Question 44:- What are the functions that IP multicast abstraction allows an application running on an arbitrary computer to do? (2)

Question 45:- Can length of an Ethernet be increased to three segments of 500 meter by adding a repeater to connect them? (3)

Question 46:- Which type of NAT fails if an application uses the IP address instead of domain name? And why? (3)

Question 47:- What mechanisms can a host to determine the path MTU? (3)

Question 48:- In client-server interaction, if no signal is given, then how can an application know when communication has arrived? (3)

Question 49:- Differentiate between routing techniques used within the autonomous system and outside of the autonomous system? (5)

Question 50:- What do we mean by connection multiplexing in connection between NIC and physical network? (5)

Question 51:- How does ICMP define error and informational messages? (5)

Question 52:- Why network administrator doesn't suggest fine timer transmission? Have any solution of this problem? Explain it with solid reasons. (5)