CS610 Computer Network- Subjective Questions from Final Exam 2012

Is there any technique for achieving reliability through TCP? 5 marks
Give reasons for which IPv4 need to be changed ? 5 marks
In a star organization there are 120 systems connected in a network. Give your comments about delay, delay should be smaller or larger. Give reasons? 5 marks
How TCP provides reliability? 3 marks
How TCP and IP interact with each other? 3 marks
Describe four factors for network classification? 2 marks

Q: differentiate between IP and transport protocol with the help of example. 2 marks
Q: Give the main advantage and disadvantage of RIP. 2 marks
Q: Tel the first assignable IP address from a 128.140.80.24/20. 2 marks
Q: how was the NAT implemented. 2 marks
Q: IS ATM include LAN and WAN network. If yes what kind of connection is established. 2 marks
Q: is IP multicasting beneficial? Defend your answer with proper reason. 3 marks
Q: Can the length of the segment be increased 500 meter by adding three repeater one with each segment. It can be done or not. 3 marks
Q: How an administrator can handle static and dynamic routing. 3 marks
Q: IS TCP/IP suit include ARP. What kind of messages are in ARP. 3 marks
Q: Traceroute continues to increment the Time To Live until the value is large enough for the datagram to reach its final destination. What happens when the TTL is sufficiently large for the datagram to reach its destination? 3 marks
Q: describe characteristics of BGP. 5 marks
Q: describe IPV6 addressing notation. 5 marks
Q have there is a technique for achieving reliability through TCP. 5 marks.

40 Mcqs
5 questions of 2 marks
5 questions of 3 marks
3 questions of 5 marks
1. Is there any technique for achieving reliability through TCP? 5 marks
2. Give reasons for which IPv4 need to be changed ? 5 marks

3. In a star organization there are 120 systems connected in a network. Give your comments about delay, delay should be smaller or larger. Give reasons? 5 marks
4. How TCP provides reliability? 3 marks
5. How TCP and IP interact with each other? 3 marks
6. Describe four factors for network classification? 2 marks

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urrent Paper 2012.........
Final Paper.2012
Q.1
In Client-Server interaction, if no signal is given, how cans an application has arrived? (2)
Q.2
Differ b/w internet protocol and transport protocol? (2)
Q3.
How can we identify the bad frame in the networking? (2)
Q.4
Which IGP is feasible to use for global internet? (2)
Q.5Network engineer is using routers to send some important datagram to another network. Which IPV6 header field will be used there? (2)
Q.6
Which types of protocol is used to access specific application from machine?(3)
Q7
IP datagram format is same as a hardware frame format. Can network engineer change the size of IP datagram header?(3)
Q.8
What are the operations of network snuffer?(3)
Q.9
How congestion is controlled by TCP?(5)
Q.10
How can a computer attach to a network, which sends and receives bits faster than the computer's CPU can handle them?(5)
Q.11
Network administrator receives some messages on his system. How does computer deal this incoming ARP messages?(5)
Q.12
Which characteristics OSPF have? (5)

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CS610 Paper 16-July-2012
Best of Luck to all for final.
Cs610 final term paper date16-July-2012 Time 11:00AM
[/font]CS610 Final Term Paper 16-Jul-2012 Time 11:00Am

MCQ 40
Questions (Marks 2) 4
Questions (Marks 3) 4
Questions (Marks 5) 4
Total 80
MCQ are from Moaaz file and about 36 in number only 4 are new.
Subjective Questions:
Q1> Does OSPF only share information within an area or between different communication areas? Marks 2
Q2> Differentiate between NAT and NAPT? Marks 2
Q3> Can we use ATM for LAN and WAN? If yes then what type of connection established? Marks 2
Q4> Where should an ICMP message be sent? Marks 2
Q5> Does IPv6 separate the extension header? Give reason? Marks 3
Q6> In client-server interaction, if no signal is given how can an application know when communication arrived? Marks 3
Q7> How can network administrator create tunnel between two far apart sites using VPN? Marks 3
Q8> Is TCP end-to-end protocol? Give reason Marks 3
Q9> Two sites are far apart located. Which solution is better extension LAN or WAN. Justify with reason. Marks 5
Q10> Network administrator receives some messages. How does computer deal this incoming ARP messages? Marks 5
Q11> How many multicast routing protocol exist? Describe their functionality? Marks 5
Q12> Is NAPT beneficial? Give two real world examples? Marks 5
---Today's paper cs610
– Computer Networks
BC100202129 – Umair Mehmood

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 massages? (5)

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

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Share by Muhammad Moaaz Siddiq

My Today Cs610 Paper
70 mcqs from my file
10 subjective question from my file

When packet lost what is the procedure TCP adopt? (2 Marks)
How long TCP should wait before retransmitting? (2 Marks)
IS TCP/IP suit including ARP? What kind of messages are in ARP. (2 Marks)
What are some of the metrics used by routing protocols? (2 Marks)

Write three Advantages of landline service (3 Marks)
4. How TCP provides reliability? (3 Marks)
Is Link state is better than Distance vector is? if yes then explain reason (3marks)
What is the difference between an interior gateway protocol and an exterior gateway protocol? Name an example of each. (3 Marks)

Have there is a technique for achieving reliability through TCP. (5 Marks)
Give reasons for which IPv4 need to be changed? (5 Marks)
What type of protocol designed for use within an organization? (5 Marks)

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MY TODAYS PAPER
TOTAL 52 QUESTIONS
40 MCQS ONLY 30% WAS FROM PAST PAPERS THE REST WAS FROM BOOK
1.Which characteristics of IP multicast make it unique?
2.Main draw backs of routing information protocol?
3.How can cpu handle the broadcasting address on LAN?is there any technique available to handle this situation?
4.When IPv4 is working well why does everyone want to use IPv6?
5.In case of udp describe endpoint identification with protocol port number?
6.to achieve a hierarchy,OSPF allows an autonomous system to be portioned for routing purposes?Does this feature make OSPF more

effective?
7.concept of zero compression?
8.purpose of isolated operation in NIC?
9.which type of protocol is used to access application from machine?
10.what will happen if delimeter is not included in frame format?
11.network engineer wants to send some confidential data to a crime branch.how does he perform his task by using IPv6.support your answer?

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