DEADEADEADEADEADEADEADEADEADEADEADEADEA



NATIONAL OPEN UNIVERSITY OF NIGERIA SCHOOL OF SCIENCE & TECHNOLOGY CIT 722 - COMPUTER NETWORKS

Instruction: Answer Any **Five** Questions

Time Allowed: **3 Hours**

Date: Friday 25th January

1a. What are the major types of networks and explain? 10 marks

b. What protocol is used by DNS name servers?

4 marks

2a. Define Protocol. 2 marks

b. Explain the key elements of a protocol. 9 marks

c. What is the advantage of token passing protocol over CSMA/CD protocol?

3 marks

3a. Explain what is meant by network topology 4 marks

b. What is multiplexing? 4 marks

c. Name the three categories of multiplexing 3 marks

(. What is Round Trip Time?	3 marks		
		•		
4 marks	a. Explain IP addressing	6		
b marks	List the two IP addressing schemes	4		
c. marks	What is addressing designed to achieve?	4		
58	. List the layers of OSI	3 ½ marks		
b.	Which layers are network support layers?	3 marks		
C	What are the two types of transmission technology available?	2 marks		
d.	What is a subnet?	2 ½ marks		
e.	What is the difference between communication and transmission?	3 marks		
68	. State any three possible ways of data exchange.	3 marks		
b.	Distinguish between NETBIOS and NETBEUI.	5 marks		
c.	What is MAC address?	3 marks		
d.	Differentiate between bit rate and baud rate.	3 marks		
7.	7. Briefly discuss four different types of networking / internetworking			
		14 marks		