MULTIMEDIA UNIVERSITY COLLEGE FACULTY OF ENGINEERING

ELECTRICAL AND COMMUNICATION ENGINEERING DEPARTMENT

BSc.TIE

Year II

ETI 2301: COMPUTER NETWORKS.

CAT I.

DATE: 16-11-2012 TIME: 1 Hour.

Question

a.	List	any THREE fur	nctions of the following layers of	the OSI model Comedianes
	i. ii.	Transport; - Data link.	Sea my both & season with the control of the contro	
		Smac -ording	passes and.	(6 marks)

b. i. Explain the difference between a connection oriented protocol and a connection-less protocol.

ii. Explain the need for communication standards with respect to computer networks.

(3 marks)

2 128 0 2 60 0	A given host IP address is 17.110.25.6 and subnet mask is 255.224 the: i. Last host address of the major network; ii. subnet address for the given host IP address; i. Range of host addresses for this subnet; ii. Broadcast address for this subnet;	4.0.0. Determine
2 16 0 2 8 0 2 2 0 2 2 0	END 2/192	(6 marks)
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