

NATIONAL OPEN UNIVERSITY OF NIGERIA 14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS MARCH/APRIL 2016 EXAMINATION

SCHOOL OF SCIENCE AND TECHNOLOGY

COUSRE CODE: COURSE TITLE:	CIT 854 Network Programming and Design		
Time: Course Credit Unit: 3 Instruction: Answer any other FIV	2½ hrs /E questions. Each question carries 14 marks		
1a) List and explain the criteria for network b) Enumerate two reasons why UDP ware better suited for UDP in each case.	ould be preferable to TCP and give examples of applications that		
2a) Discuss the various mode of data trab) Briefly describe the key elements of	nnsmission (6 marks) network management system? (8 marks)		
the disposition. (11 marks)	calling the sigaction function, describe the three choices for phical representations of Analogue and digital Signal (3 marks)		
4a) Write short notes on the following rai) Hub 3 marks ii) Repeater 6 marks iii) Switches 7 marks	network devices:		
5a) Briefly describe the operations of a b) State the major differences between I c) State and briefly describe any three re	Bridges and Routers. (3 marks)		

b) State any seven fields of the IP packet and their respective functions.) 12 marks

7a) Write short notes on the two fundamental routing algorithms, stating their merits and demerits

(2 marks)

6a) What is Internet Protocol?) 2 marks

b) State two disadvantages of networking

(12 marks)