



NATIONAL OPEN UNIVERSITY OF NIGERIA,  
14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS.  
SCHOOL OF SCIENCE AND TECHNOLOGY  
OCTOBER 2016 EXAMINATION

Course code: CIT465

Course Title: Network Administration

Time: 2 Hours

Instruction: Answer any Four (4) questions.

- 1a. Write short note on the three main components in a human computer system. (7.5 marks)
- 1b. List any five IEEE classification of software anomalies and five source of error that can be found at the human edge of the system. [10 marks]
- 2a. i. Define the term Change management. [5 marks]  
ii. State two general strategies in planning changes of infrastructure. [7 marks]
- 2b. What is Encapsulation. [5.5 marks]
- 3a. State 7 challenges of system administration [10.5 marks]
- 3b. Why is procedure for startup and shutdown operation, crucial in multitasking operating system. [7 marks]
- 4a. State the two rules that an account policy should contain. [6 marks]
- 4b. Enumerate the five conceptual areas where the ISO has contributed to the standardization in Network Management Model. [7 marks]
- 5. List and explain the seven OSI layers. [17.5 marks]
- 6a. Differentiate between the Star and Mesh types of Topology. [10 marks]
- 6b. Write out the Command that can be used to add Single Windows accounts. [7.5 marks]