



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
MARCH/APRIL 2015 EXAMINATION

Course code: CIT465
Course Title: Network Administration
Time: 2.5 Hours
Instruction: Answer any Four (4) questions.

- 1a. Simply differentiate between the goals of " fault management" and " security management" conceptual areas of ISO Network Management Model. *[5 marks]*
- 1b. Write short note on "Ping and traceroute". *[6 marks]*
- 1c. What is meant by Network Address Translation and its main purpose? *[6½marks]*

- 2a. Differentiate between the two (2) main Categories of Networks / Network Technologies.*[5marks]*
- 2b. Differentiate between the Star and Mesh types of Topology. *[6 marks]*
- 2c What are the three (3) essential requirements that the TCP/IP protocol must support?.*[6.5 marks]*

- 3a. Write short note on Class "B" legacy networks.*[3.5 marks]*
- 3b. Write short note on Class "C" legacy networks.*[5 marks]*
- 3c. State, with two examples each, three threats that can compromise a system.*[9 marks]*

- 4a. Write brief note on network simulator *[5 marks]*
- 4b. Write short note on any five (5) challenges of system administration? *[5marks]*
- 4c. Explainsystem configurationpolicy. *[7½ marks]*

- 5a. Give three examples of network simulator. *[3 marks]*
- 5b. Write brief note on startup/shutdown operation on multitasking operating system.*[4.5 marks]*

- 5c. 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]*
- 6a. Write out the Command that can be used to add Single Windows accounts. *[3.5 marks]*
- 6b. List and enumerate the seven OSI layers. *[14marks]*