



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

SCHOOL OF SCIENCE AND TECHNOLOGY

COURSE CODE: CIT465
COURSE TITLE: Network Administration

Time: 2 Hours
Instruction: Answer any Four (4) questions.

- 1a. Write short note on “Ping and traceroute”. [7¹/₂ marks]
- 1b. Simply differentiate between the goals of “fault management” and “security management” within the conceptual areas of ISO Network Management Model. [10 marks]
- 2a. What is meant by Network Address Translation and its main purpose? [7¹/₂ marks]
- 2b. What are the three (3) essential requirements that the TCP/IP protocol must support. [10 marks]
- 3a. Differentiate between the Star and Mesh types of Topology. [7¹/₂ marks]
- 3b. Differentiate between the two (2) main Categories of Networks. [10 marks]
- 4a. Write short note on Class “C” legacy networks. [7¹/₂ marks]
- 4b. State with at list two examples each the threats that can compromise the system. [10 marks]
- 5a. Write short note on Class “B” legacy networks. [7¹/₂ marks]
- 5b. Discuss network simulator and give three examples. [10 marks]
- 6a. Discuss System configuration policy. [7¹/₂ marks]
- 6b. Discuss any five (5) challenges of system administration? [10 marks]