NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
JANUARY/FEBRUARY 2013 EXAMINATION

COURSE CODE: CIT 465

COURSE TITLE: NETWORK ADMINISTRATION

CREDIT UNIT: 2 CREDIT UNITS

TIME: 2 HOURS

INSTRUCTION: ANSWER ANY FOUR QUESTIONS IN ALL

1a.   Write short note on "Ping and traceroute". $[7^1/_2$ marks]
1b.   Simply differentiates between the goals of the" fault management" and" security   management" conceptual areas of ISO Network Management Model.   [10 marks]

2a.   What is meant by Network Address Translation and its main purpose? $[7^1/_2$ 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. $[7^1/_2$ marks]
3b.   Differentiate between the two (2) main Categories of Networks / Network Technologies. [10 marks]

4a.   Write short note on Class "C" legacy networks. $[7^1/_2$ 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. $[7^1/_2$ marks]
5b.   Discuss network simulator and give three examples.   [10 marks]

6a.   Discuss System configuration policy. $[7^1/_2$ marks]
6b.   Discuss any five (5) challenges of system administration? [10 marks]