NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
MAY/JUNE 2012 EXAMINATION

CIT 465 NETWORK ADMINISTRATION (2 CR)
TIME: 2$^1/_2$ HOURS

INSTRUCTION: ANSWER ANY FOUR QUESTIONS IN ALL

1a   What are the essential requirements that the TCP/IP protocol must support.   *[9 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]*
1c.   Discuss System configuration policy.   *[6 marks]*

2a.   Differentiate between the two (2) main Categories of Networks / Network Technologies. *[12 marks]*
2b.   Write short note on Class "**C**" legacy networks. *[5 marks]*
2c.   Discuss network simulator and give two examples.   *[8 marks]*

3a.   What are the challenges of system administration?   *[14 marks]*
3b.   Write short note on "Ping and traceroute".   *[6 marks]*
3c.   What does the computer startup and   shutdown has to do with the multitasking operating system.   *[5 marks]*

4a   State the two rules that an account policy should contain.   *[6 marks]*
4b.   What is meant by Network Address Translation, and what is its main purpose?   *[7 marks]*
4c.   State with at list two examples each the threats that can compromise

the system.   *[12 marks]*

5a.   List and enumerate the seven OSI layers. *[21 marks]*
5b.   Write short note on Class "**B**" legacy networks. *[4 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.   *[5 marks]*
6c.   Simply differentiates between the goals of the" fault management" and" security   management" conceptual areas of ISO Network Management Model.   *[10 marks]*