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**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS**

**SEPTEMBER/OCTOBER 2015 EXAMINATION**

**SCHOOL OF SCIENCE AND TECHNOLOGY**

**Course code: CIT465**

**Course Title: Network Administration**

**Time: 21/2 Hours**

**Instruction: Answer any Four (4) questions.**

1. Simply differentiates between the goals of the

1. ” fault management” and *[5 marks]*
2. ” security management” *[5 marks]*

conceptual areas of ISO Network Management Model.

1c. Write short note on “Ping and traceroute”. *[7****1/2*** *marks]*

2a. State any three (3) essential requirements that a protocol such as TCP/IP must support [4***1/2***marks]

2b. State any 6 challenges of system administration *[6marks]*

2c. write short note on any two (2) stated in question 2b *[7 marks]*

3. Differentiate between *[7****1/2*** *marks]*

a. Mesh and

b. Star types of Topology.

3c. 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 the three threats that can compromise the system [6 marks]

4c. Give at least 1 example from each of the threats listed in question 4b making 4 altogether.

[10 marks]

5a. Write short note on Class “**B**” legacy networks. *[7****1/2*** *marks]*

5b. Discuss network simulator *[7marks]*

5c. Give three examples of network simulator *[3marks]*

6a. State 5 organizations by which official computer-related standards were defined *[5marks]*

6b. Highlight any five (5) IEEE classification of software anomalies *[5marks]*

6c. Discuss System configuration policy. *[7****1/2*** *marks]*