



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**University Village, 91 Cadastral Zone, Nnamdi Azikwe Expressway, Jabi, Abuja**  
**FACULTY OF SCIENCES**  
**COMPUTER SCIENCE DEPARTMENT**  
**2021\_2 EXAMINATIONS**

**CIT 465 - Network Administration**

**Credit: 2 units**

**TIME ALLOWED: 2 Hours**

**INSTRUCTION: Answer Question 1 and any other THREE(3) Questions**

- 1a What do you understand by the physical topology of a system? *(3 marks)*
- 1b Distinguish between LAN and WAN *(6 marks)*
- 1c Briefly discuss circuit-switching network. *(3 marks)*
- 1d Outline and explain the basic components of a human -computer system known to you *(6 marks)*
- 1e Outline any seven (7) addresses associated with a network host *(7 marks)*
- 2a What do you understand by Domain Name Service? How do hosts depend on this service? *(5 marks)*
- 2b. Explain any three (3) issues associated with full URL organisation *(6 marks)*
- 2c. Explain the special considerations for effective distributed accounts *(4 marks)*
- 3a Outline any 4 requirements for successfully adding a new user to a Unix-like host *(4 marks)*
- 3b: Outline any seven (7) key user management issues in interfacing users to computer systems *(7 marks)*
- 4a Explain the steps involved in system performance management *(6 marks)*
- 4b List any six (6) general traps (Cisco specific) that are triggered by interface changes and management events *(6 marks)*
- 4c. Identify any four (4) key functions of the security management subsystem *(4 marks)*
- 5a Explain how configuration information is stored by devices *(5 marks)*
- 5b Identify the key tasks that an administrator carries out prior to analyzing a network security *(10 marks)*