



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**University Village, 91 Cadastral Zone, Nnamdi Azikwe Expressway, Jabi, Abuja**  
**FACULTY OF SCIENCES**  
**COMPUTER SCIENCE DEPARTMENT**  
**SEPTEMBER 2020 EXAMINATIONS**

**CIT 465 - Network Administration**

**Credit: 2 units**

**TIME ALLOWED: 2 Hours**

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

**Question 1**

- (a). Explain the concept of network and system administrator (5mks)
- (b). Write short note on the word "system" in system administrator (5mks)
- (c). Summarize the concept of Network Management (5mks)
- (d). Identify the five conceptual areas of ISO Network Management model and explain any two(10 mks)

**Question 2**

- (a). Describe the term physical topology and illustrate its categories (5mks)
- (b). Write short notes with the aid of a diagram on any two of topology categories (10mks)

**Question 3**

- (a). Describe the function of Network hardware with its component in network infrastructure (4mks)
- (b). write short notes on the following: Bridge, repeater and switch (6mks)
- (c). Evaluateson the concept of frame relay in line with its benefits to networking.(5mks)

**Question 4**

- (a). Describe the term Network Management (5mks)
- (b). Summarize briefly your understanding of the term "Agent" (5mks)
- (c). Compare the goals of "Security management and Fault Management" (5mks)

**Question 5**

- (a). Analyse "network simulation" in terms of functionality/usefulness (5mks)
- (b). Relate and justify network simulator as a software (5mks)
- (c). Describe the term "Documentation" in terms of Network (5mks)