



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS**  
**SCHOOL OF SCIENCE AND TECHNOLOGY**  
**MARCH/APRIL 2015 EXAMINATION**

**SCHOOL OF SCIENCE AND TECHNOLOGY**

**COURSE CODE:** CIT 722  
**COURSE TITLE:** Computer Networks\_  
**TIME ALLOWED:** 3 Hours

**INSTRUCTION: Answer any five (5) questions.**

- 1a. List the geometric representations of computer networks, and explain any three taking into considerations the merits and demerits of each? 10 marks
- 1b. What is Multiplexing? 4 marks
- 2a. Explain different areas where networking can be applied. 10 marks
- 2b. Explain the key elements of a protocol. 4 marks
- 3a. List and explain types of networks? 10 marks
- 3b. What protocol is used by DNS name servers? 4 marks
- 4a. In considering a computer network, there are key issues that should be considered, list and explain five of these issues. 10 marks
- 4c. What does address designed to achieve? 4 marks
- 5a. List five characteristics of a file server 10 marks
- 5b. What is a file server? 4 marks
- 6a. List five types of standard protocols and state the advantages and disadvantages. 10 marks
- 6b. List four basic properties of protocols 4 marks
7. Briefly discuss four different types of networking / internetworking devices 14 marks