



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

COURSE CODE: CIT701

**COURSE TITLE: FOUNDATION OF INFORMATION AND
COMMUNICATION TECHNOLOGY**

TIME ALLOWED: 3 Hours

INSTRUCTION: Answer Any Five Questions

- 1a. What is Information and Communication Technology (ICT)? 3 marks
- b. List the three main components of ICT. 6 marks
- c.. State five ways by which information can be transmitted. 5 marks
- 2a. What is a system program? 4 marks
- b. Outline any four kinds of System programs 10 marks
- 3a. List and briefly describe any three pointing devices. 3 marks
- b. Which category of device is the Optical Character Recognition (OCR)? 2 marks
- c. State six basic functions of a mouse. 9 marks
- 4a. What is a communication network? 3 marks
- b. List any three network service applications. 3 marks
- c. Explain what is meant by the term network channels. 3 marks
- d. List any five types of Transport Technology. 5 marks
- 5a. List and briefly describe the four types of wireless communication networks 8 marks

- b. State the three types of Network Enterprise Architectures
6 marks

- 6a. Explain the elements of a URL and the purpose of each.
6 marks
- b. . Explain what is meant by downloading and uploading.
3 ½ marks
- c. What are the three basic elements of an e-mail message?
4 ½ marks

- 7a. Differentiate between security and breaches.
5 marks
- b. Distinguish between spam and cookies.
5 marks
- c. List four measures taken to ensure ICT service reliability.
4 marks