



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS**  
**MARCH/APRIL 2016 EXAMINATION**

**SCHOOL OF SCIENCE AND TECHNOLOGY**

**COURSE CODE: CIT701**  
**COURSE TITLE: FOUNDATION OF INFORMATION & COMMUNICATION TECHNOLOGY**

**TIME ALLOWED: 3 Hours** **COURSE**  
**UNIT: 3**

**INSTRUCTION: Answer Any Five Questions**

- 1a. Outline three main components of Information and Communication Technology (ICT). 6 marks
- b. List four benefits of ICT. 4 marks
- c. State four functions of Information Technology. 4 marks
- 2a. What do you understand by:
- i) Hard copy
  - ii) Nonimpact printing
  - ii) Impact printing?
- 6 marks
- b. Write short notes on the following:
- i) Laser printer
  - ii) Ink-jet printer
  - iii) Thermal printer
  - iv) Line printer
- 8 marks
- 3a. Explain what is meant by:
- i) File server
  - ii) Client-server computing
  - iii) Database replication
- 6 marks
- b. What is a distributed database? 2 marks
- c. In tabular form, state three comparisons of an enterprise database and a data warehouse. 6 marks

- 4a. Outline the three essential components of a network. 9 marks  
b. Write a short note on wireless network and give two examples. 5 marks

5. Briefly explain the following:

- i) Browsers
- ii) Surf
- iii) Uniform Resource Locators (URLs)
- iv) Protocol (http://)
- v) Hyperlinks or Links
- vi) Web Server
- vii) The URL [http:// www.noun.edu. ng](http://www.noun.edu.ng)

- 6a. List two tools and five techniques a System Analyst use to make an IT application accessible to end users in an organisation. 7 marks  
b. In the context of project management, itemise the seven stages in a project. 7 marks

7a Outline three sources of security breach to an enterprise information technology asset. 6 marks

- b. What is meant by computer security? 3 marks  
c. Enumerate five of the general security policies and procedures. 5 marks