



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**PLOT 91 CADASTRAL ZONE, NNAMDI AZIKWE EXPRESSWAY, JABI, ABUJA**  
**FACULTY OF SCIENCES**  
**DEPARTMENT OF COMPUTER SCIENCE ...**  
**2020\_2 EXAMINATIONS**

**COURSE CODE: CIT701**

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

**CREDIT: 3 UNITS**

**TIME ALLOWED: 2½ HOURS**

**INSTRUCTIONS: ANSWER QUESTION 1 AND ANY OTHER FOUR (4) QUESTIONS**

**Q1.**

- (a) Explain the term Information and Communications Technology. (3 marks)
- (b) Identify four (5) sources of security breach (5 marks)
- (c) Write short notes on the following terms:
  - a. Value chain (3 marks)
  - b. Wide Area Network (3 marks)
  - c. Storage Area Network (3 marks)
- (d) List five basic functions of a Database Management Systems (5 marks)

**Q2.**

- (a) Explain the elements of a URL and the purposes of the key elements (4 marks)
- (b) Mention 4 types of SQL basic statements (4 marks)
- (c) Differentiate between Web based application and personal/enterprise applications? (4marks)

**Q3.**

- (a) Describe the three stages of information evolution (6 marks)
- (b) Differentiate between Application Software and System Software (6 marks)

**Q4.**

- (a) Describe three kinds of systems Programme (6 marks)
- (b) Explain the basic functions of a Central Processing Unit (6 marks)

**Q5.**

- (a) Discuss the following e-commerce types (9 marks)
  - a. B2B
  - b. B2C
  - c. C2C
- (b) Describe why ICT applications are designed (3 marks)

**Q6.**

- (a) Differentiate between Intranet, Extranets, and Internet (6 marks)
- (b) List three important characteristics of Management Information Systems (MIS) (3 marks)
- (c) In IT Project Management which step is considered the most important and why is this? (3 marks)