



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)