



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI-ABUJA
FACULTY OF COMPUTING
DEPARTMENT OF COMPUTER SCIENCE
2025_2 EXAMINATIONS

COURSE CODE: CIT 801

COURSE TITLE: Foundation of Information and Communication Technology

CREDIT: 3 Units

TIME ALLOWED: 2½ Hours

INSTRUCTION: Answer Question ONE (1) and any other THREE (3) Questions

- 1a. What is Information Communication Technology (ICT)? Why is ICT relevant in today's society. (6 marks)
- 1b. Identify the basic components that make up a computer system (9 marks)
- 1c. Name 4 antivirus that you know (4 marks)
- 1d. How do you ensure IT service reliability? (6 marks)

- 2a. List 6 way in which information can be transmitted (3 marks)
- 2bi. Explain the concept of cloud computing and how it is transforming organizations today. (4 marks)
- 2bii. Define Grid Computing? (3 marks)
- 2c. Discuss three differences between storage and memory. (6 marks)

- 3a. What is a database? (3 marks)
- 3b. List any three types of databases (3 marks)
- 3c. What are the different levels of database normalization? (6 marks)
- 3d. What do you understand by the term network channels? (3 marks)

- 4a. List out the seven layers of the OSI model (7 marks)
- 4b. List the four types of wireless communication networks. (4 marks)
- 4c. Outline (4) four common features of application software (4 marks)

- 5a. Identify the main functions of the Internet. (4 marks)
- 5b. Identify any two basic elements of an email message (2 marks)
- 5c. What are the measures put in place to avoid software piracy? (9 marks)

- 6a. What are the major functions of the central processing unit? (4 marks)
- 6b. What is a computer network and why is it important? (5 marks)
- 6c. Explain the difference between LAN, WAN, and MAN (6 marks)