



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

COURSE CODE: CIT305
COURSE TITLE: Networking and Communication Technology (3 Credits)
TIME ALLOWED: 3 Hours
INSTRUCTION: Answer 5 Questions

QUESTION 1

1. Give the full meaning of the following acronyms:

(i) OAN

(ii) PSTN

(iii) ARPA

(iv) STP

(v) BBN

(vi) PDAs

(vii) GPS

(viii) LMR

(ix) GMRS

(x) FDDI

(2 marks each)

2a. Explain the term “data Link”?

(4 marks)

2b. List and explain any three (3) types of Data Link

(12 marks)

2c. List two (2) categories of data links

(4 marks)

3a. What do you understand by Videoconferencing?

(5 marks)

3b List and explain three (3) uses of videoconferencing

(9 marks)

3c. Differentiate between the digital and the analog signals

(6 marks)

4a. How would you explain Wireless Technology to a layman?

(5 marks)

4b. List and explain any three (3) examples of Wireless Technology

(9 marks)

4c. List three (3) properties of digital information

(6 marks)

- 5a. What do you understand by the term “Wi-Fi”
(5 marks)
- 5b. Define Network Protocol? List any three types of Network protocols
(9 marks)
- 5c. Mention two advantages of Wi-Fi phones
(6 marks)
- 6a. What do you understand by Enterprise Network?
(5 marks)
- 6b. List and explain three (3) differences between the LAN and the WAN
classes (9 marks)
- 6c. List any three (3) phases involved in creating an enterprise network
(6 marks)
- 7a. Describe Packet switching (3 marks)
- 7b. List and explain three aims for networking (9 marks)
- 7c. List four types of Networks based on their physical scope (8 marks)