



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS**  
**SCHOOL OF SCIENCE AND TECHNOLOGY**  
**MARCH/APRIL 2014 EXAMINATION**

**COURSE CODE:** DAM 361

**COURSE TITLE:** BUSINESS COMMUNICATION AND NETWORKS

**TIME ALLOWED:** 2 HOURS.

**INSTRUCTION:** ANSWER ANY FOUR (4 ) QUESTIONS

1a. What is Telecommunication? (5 marks)

b. List and explain three (3) types of communication system (12 marks)

c. What are the advantages of digital communication over analog communication (8 marks)

2a. Write with diagram short note on each of the following:

- (i) Ring Network
  - (ii) Bus Network
  - (iii) Star Network
- (5 marks each)

b. Mention five (5) advantages of Personal Computer (10 marks)

3a. What is Networking? (5 marks)

3b. Enumerate and explain three (3) advantages of Server based Networking. (12 marks)

3 c. List four (4) types of cables (8 marks)

4a. Describe with diagram wireless Networking (5 marks)

4b. What is the full meaning of the following acronyms:

- (i) OSI
  - (ii) ISDN
  - (iii) CSMA/CD
  - (iv) DPBX
  - (v) MAU
  - (vi) DQDB
  - (vii) TCP/IP
  - (viii) TTL
  - (ix) DNS
  - (x) SNMP
- ( 2 marks each)

5a. Define the term protocol? (5 marks)

5 b. Enumerate and explain three (3) types of protocols (12 marks)

5c. Discuss the principles of the internet connection(8 marks)

- 6a. Define subnetting and list three advantages of Subnetting
- 6b. Discuss the four Ps that constitute the marketing Mix
- 6c..List and explain three network management distinct categories