



**NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
MARCH/APRIL 2015 EXAMINATION**

SCHOOL OF SCIENCE AND TECHNOLOGY

COURSE CODE: DAM 361
COURSE TITLE: Business Communication and Networks – (2 Credits)
TIME ALLOWED: 2 1/2 HRS

Total marks is 70 and each question carries 17 1/2 marks
Answer any four (4) questions in 2 1/2 Hours.

- 1a. Explain the term “ Centalized Computing” **(3 marks)**
- 1b. List three (3) advantages and two (2) disadvantages of Centralized Computing **(10 marks)**
- 1c. Mention three advantages of Personal Computer **(4 1/2 marks)**
- 2a. Explain the term “Networking” **(5 marks)**
- 2b. Mention three (3) benefits of networking **(4 1/2 marks)**
- 2c. What do you understand by Wireless networking **(8 marks)**
- 3a. Describe the term “Cloud Computing” **(4 marks)**
- 3b. Give the full meaning of the following acronyms:
- (i) MAC
 - (ii) CRC
 - (iii) .EMI
 - (iv) EBCDIC
 - (v) ASCII
 - (vi) TCP/IP
 - (vii) OSI
 - (viii) ISDN
 - (ix) SNMP
- (1 1/2 marks each)**
- 4a. Explain the term “Internet” **(3 marks)**

- 4b. List three (3) benefits and two (2) demerits of the Internet **(10 marks)**
4c. List three (3) advantages of Personal Computer **(4^{1/2} marks)**

- 5a. What do you understand by the word “ Telecommunication”? **(4 marks)**
5b. List and explain three (3) benefits of telecommunication **(9 marks)**
5c. Mention three (3) advantages of server based networks. **(4^{1/2} marks)**

(4^{1/2} marks)

6a. Describe the following topologies:

- (i) Ring Topology
- (ii) Star Topology
- (iii) Bus Topology

(3marks for each)

6b. List three major classes of cables used in communication (**4^{1/2} marks**)

6c. Mention four types of networking standard in use today **(4 marks)**