



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
MARCH/APRIL 2016 EXAMINATION

SCHOOL OF SCIENCE AND TECHNOLOGY

COURSE CODE: DAM361
COURSE TITLE: Business Communication and Networks – (2 Credits)

Answer any four (4) questions in 2¹/₂ Hours.
Total marks is 70 and each question carries 17¹/₂ marks

1(a) Give the full meaning of the following acronyms:

- (i) WWW
- (ii) MAC
- (iii) CRC
- (iv) EMI
- (v) EBCDIC
- (vi) ASCII
- (vii) TCP/IP
- (viii) OSI
- (ix) ISDN
- (x) SNMP

(1 mark each)

1(b) Explain the term “Internet” (3 marks)

1(c) List three (3) benefits of the Internet (4¹/₂ marks)

2(a) What do you understand by the word “ Telecommunication”? (4 marks)

2(b) List and explain three (3) benefits of telecommunication (9 marks)

2(c) Mention three (3) advantages of server based networks. (4¹/₂ marks)

3(a).Describe the following topologies:

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

(3 marks each)

3(b). List three major classes of cables used in communication ($4\frac{1}{2}$ **marks**)

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

4(a) Explain the term “Networking” (5 marks)

4(b) Mention three (3) benefits of networking ($4\frac{1}{2}$ marks)

4(c) What do you understand by Wireless networking (8 marks)

5(a) Define the term protocol and describe any three protocols. (7 marks)

5(b) List three (3) ways to control access to the media (6 marks)

5(c). List three (3) advantages of Token ($4\frac{1}{2}$ marks)

6(a) What is e-commerce and list three advantages of e-commerce to businesses and to customers (9 marks)

6(b) Write short note on the following:

(i) Videoconferencing

(ii) E-mail

(iii) Mobile phones

($1\frac{1}{2}$ marks each)

6(c) Describe Wi-Fi (4 marks)