

**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**University Village, 91 Cadastral Zone, Nnamdi Azikwe Expressway, Jabi, Abuja**

**FACULTY OF SCIENCE**

**DEPARTMENT OF COMPUTER SCIENCE**

**JULY 2018 EXAMINATIONS**

***Course Code:* DAM361 *Time:* 2hrs**

***Course Title:* Business Communication and Networks**

***Course Credit Unit*: 2**

***Instruction:* Answer question (1) and any other questions (3)**

**QUESTIONS**

**Question One**

1a. Describe with neat diagrams the characteristics of the different network topologies **[10marks].**

b. Explain the importance of data networks and the Internet in supporting Business communications and everyday activities **[5 marks].**

c. Give a brief description of three forms of business organizations stating two advantages of each **[5 marks].**

d. Write short notes on any three factors that affect the marketing environment of a firm **[5marks].**

**Question Two**

2(a) Explain the term “Internet” outline five uses **[5 marks].**

(b) List three (3) benefits of the Internet **[3 marks]**

(c) Discuss the principles of the internet connection **[7 marks]**

**Question Three**

3a. Describe the protocols and services provided by the Application layer of the OSI and TCP/IP. **[5 marks]**

b. Discuss any five factors that affect the implementation of a marketing objective **[10marks]**

**Question Four**

4a. Describe with appropriate diagrams the different types of the cables utilized in the development of computer networks **[5 marks]**

b. Discuss the OSI layers functions and list one protocol for each layer **[10 marks]**

**Question Five**

5a. List any three media access control method; discuss the application of each method

**[6marks]**

b. List the different classes of the IP addresses and the number of hosts each class can accommodate **[9 marks]**