



NATIONAL OPEN UNIVERSITY OF NIGERIA

**UNIVERSITY VILLAGE, 91 CADASTRAL ZONE, NNAMDI AZIKWE EXPRESSWAY, JABI, ABUJA
FACULTY OF SCIENCE
SEPTEMBER, 2020_1 EXAMINATION**

COURSE CODE: DAM364

COURSE TITLE: MANAGEMENT INFORMATION SYSTEM

CREDIT: 2 UNITS

TIME ALLOWED: 2 HOURS

INSTRUCTION: ANSWER QUESTION ONE (1) AND ANY OTHER THREE (3) QUESTIONS

QUESTION ONE (25MARKS)

- a. XYX Company is about to embark on the use of MIS to improve their overall day to day transaction processing and ultimately enhance service delivery. However, they are not fully convinced about the outcomes as a result of the problems associated with the use of MIS. How will you convince the management of XYX Company to still embark on the use of MIS tools? *5marks*
- b. Management Information System is all encompassing. However, there are some basic components that are necessary in achieving it full gain to any organization. Discuss any of these three components. *5marks*
- c. What is Information Technology? *3marks*
- d. What is web browsing and how do you visit a web site. *3marks*
- e. Define an internet search engine. Give any 4 examples *4marks*
- f. State the similarities between the EBCDIC and Extended ASCII code system of Information representation. *3marks*
- g. What are the relevance of disaster recovery in MIS. *2marks*

QUESTION TWO (15MARKS)

- a. What is the relationship between Data, Information and Instruction as it relates to MIS. *5marks*
- b. Briefly discuss the ethical issues of Information Technology with regard to complexity, speed and predictability. *6marks*
- c. Distinguish between a computer virus and a computer worm. *4marks*

QUESTION THREE (15MARKS)

- a. Under what circumstances will a corporate organization prefer to use fax machines in transmitting sensitive materials rather than using other internet-based transmission methods. *5marks*
- b. Distinguish between Teletext and Viewdata. *6marks*
- c. What is network system mode? *4marks*

QUESTION FOUR (15MARKS)

- a. Most Computer Systems on a network are prone to many threats resulting to Denial of Service (DoS) attack. What is the mean of “Denial of Service” and discuss some of the characteristics of these threats. *5marks*
- b. Explain any 3 measures to put in place to avoid blended threats in a Computer System. *6marks*
- c. Explain the technical process required to read data from a CD ROM. *4marks*

QUESTION FIVE (15MARKS)

- a. Briefly discuss the usefulness of Creating **Backups** as a measure of information security. *6marks*
- b. Explain some of the benefits of using biometrics as a means of authentication rather than the use of pseudo-centric authentication method. *5marks*
- c. What is cryptography and who are cryptologists? *4marks*