



NATIONAL OPEN UNIVERSITY OF NIGERIA

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

COURSE CODE: DAM382

COURSE TITLE: Information System Management

CREDIT: 3 Units

TIME ALLOWED: 2½ Hours

INSTRUCTION: Answer Question ONE (1) and any other FOUR (4) Questions

1(a) Differentiate between each of the four (4) goals of the new work environment in today's business world. [6 marks]

(b) Compare e-business with conventional methods of doing business. [5 marks]

(c) Demonstrate how a secret key 'replace every alphabet with their corresponding position of numbers' could be used to encrypt the word "NOUN" [4 marks]

(d) Categorize 3 relational database operations in terms of their functions. [3 marks]

(e) Compare the two dominant roles of information system (IS) as proposed by George Cox. [4 marks]

2 (a) Analyse the relationship between digital economy and globalization in today's digital Economy. [6 marks]

(b) Perform an analysis of how communication has enabled distributed computing.

[6marks]

3(a) How has the internet helped to overcome the barrier posed by technology and standard to the traditional Electronic Data Interchange. [6 marks]

(b) Evaluate the roles of the fourth generation language to the development of e-business.

[6 marks]

4(a) Outline 4 middleware that provide inter application communication facilities and their functions. [6 marks]

(b) Tabulate the differences between knowledge management and information management.

[6 marks]

5 (a) Evaluate each of the five (5) functions of application server. [5 marks]

(b) Demonstrate the importance of security using the five pillars of information security.

[5 marks]

(c) Show how the importance of change and driving innovation could help improve on the Federal model. [2 marks]

6 (a) Contrast between distributed database and server based database. [6 marks]

(b) Show the three (3) ways that a business can encourage project team to study the market place. [6 marks]