



National Open University of Nigeria
Plot 91, Cadastral Zone, NnamdiAzikiwe Expressway, Jabi - Abuja
Faculty of Science
2021 EXAMINATIONS

COURSE CODE: DAM382

COURSE TITLE: INFORMATION SYSTEM MANAGEMENT

CREDIT: 3 Units

TIME ALLOWED: 2¹/₂

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

- 1
 - (a) Critically describe the reasons why successfully managing IT has become crucial **(4 marks)**
 - (b) Outline the overarching goals for thriving in the new work environment **(2 marks)**
 - (c) Expanding the simple model gives us more guidance into managerial principle and tasks. Summarize the concept of a model with four principal elements **(4 marks)**
 - (d) Outline briefly list of some rapidly growing technology area **(2 marks)**
 - (e) Consumers are concerned about protecting their privacy and financial transactions. Hacking is one of the categories of security concerns in the network which can be prevented by a firewall. Summarize briefly your understanding of firewall **(3 marks)**
 - (f) A contract is a voluntary exchange between two parties. Contract law looks for evidence that the parties have *mutually assented* to the terms of a particular set of obligations before it will impose those obligations on them. Outline what must be before the law will recognise the existence of binding contract **(2 marks)**
 - (g) Web-based tools as opposed to people travelling to traditional face-to-face meetings. Identify the features of Web-Based Collaboration Tools **(3 marks)**
 - (h) The manner in which that change is managed makes a considerable difference to the project's success. Analyze the ways in which successful management of project changes relies on **(2 marks)**

- 2
 - (a) Summarize the concept of the Java 2 Enterprise Edition (J2EE) software Specification **(6 marks)**
 - (b) Compiles briefly your perception of Proper Project Closure **(6 marks)**

- 3
 - (a) Differentiate between the hierarchical and network models **(6 marks)**
 - (b) Summarizes the has three components of standard query language **(3 marks)**
 - (c) Explain what is meant by the *data dictionary*? **(3 marks)**

- 4 Chris Date, of Codd and Date Consulting Group, formulated 12 rules for a distributed database. These rules have become *the* fairly technical definition of a "true" distributed database. Outline and compare the rules for distributed databases **(12 marks)**

- 5 Many databases do not have to be true distributed databases, as defined by Date. Analyze the concept of the following databases
- i. not fully synchronized databases *(6 marks)*
 - ii. federated database *(6 marks)*
- 6 (a) The IS world seems to be moving from data management to information management to “knowledge management.” Compare the differences between the information management and knowledge Management *(5 marks)*
- (b) Summarize briefly the importance of Good Management *(7 marks)*