FACULTY OF SCIENCE
Department of Computer Science
2024_1 EXAMINATION-

COURSE TITLE: **Management Information System (MIS)**
COURSE CODE: **CIT364**
CREDIT UNIT: **3**
TIME: **2 Hours 30 Minutes.**
INSTRUCTIONS: **Answer question 1 and any other 3 questions. Question 1 is compulsory.**

1 (ai) Distinguish clearly, between MIS and other regular information systems.
1 (aii) In no less than 50 words, show your understanding of the goals of MIS.

1 (bi) One of the advantages of MIS is that it minimizes information overload. Demonstrate your understanding of the phrase "MIS minimizes information overload".
1 (bii) Every organization have hierarchy in management. Top strategic/management level is one of the cadres. Using residual knowledge, state the function of top management level in an organization.

1 (ci) Using residual knowledge, list the components of a computer network
1 (cii) Explain and state the uses of Web page, File transfer protocol (FTP), Email and Newsgroups during browsing.

2 (ai) By the ethics of information technology we mean the principles and values governing the use of telecommunication gadgets in relation to information dissemination. List and explain some of the ethical issues. **(7Marks)**
2 (b) What is Teleprocessing? **(4 Marks)**
2 (c) Define terminal as it concerns MIS. Give two examples of Terminals. 4 **(marks)**

3 (a) What are the specific area of IT applications in our offices. **(6 Marks)**
3 (b) Define an expert system and state its major component and briefly Discuss. **(6 marks)**
3 (c) The acronym ASCII stands for. **(3 Marks)**

4(a) A network has three layers of components, state and discuss these components. **(7 Marks)**
4(b) For an interactive computer-based system to exist, there certain criteria that must be met. State those criteria. **(3 Marks)**
4(c) Briefly discuss what you understand by ASCII codes. **(5 Marks)**

5 (a) State and explain the common operations involved in surfing the Internet. **(5 Marks)**
5b. List the modes through which information flows. **(5 Marks)**
5c. With table draw a BCD code from 0 to 9. **(5 Marks)**

6(a) Describe the term computer security **(5 Marks)**
6(b) Outline at least 4 information security measures **(5 Marks)**
6(c) What are intrusion detection systems **(5 Marks)**