BOWEN UNIVERSITY IWO, OSUN STATE
COLLEGE OF COMPUTING AND COMMUNICATION STUDIES
COMPUTER SCIENCE PROGRAMME
B. SC. DEGREE FIRST SEMESTER EXAMINATION   SESSION: 2023/2024
COURSE TITLE: MANAGEMENT INFORMATION SYSTEM
COURSE CODE: CIT 419   COURSE CREDIT: 3 UNITS   DATE: /01/2024
TIME ALLOWED: 2 HOURS 30 MINUTES
INSTRUCTION: Answer any four questions. Write clearly

QUESTION ONE
(a) With the aid of a diagram explain how computer networking and related software have flattened the classic management pyramid of a management information system.   **(7marks)**
(b) Explain Four (4) levels of Management Information System.   **(8marks)**
(c) Briefly describe the functions of Management Information system.   **(10marks)**

QUESTION TWO
a) As a season Management Information Systems Expert discuss the characteristics of a Good information.   **(10marks)**
(b) Discuss the key considerations involved in searching and matching procedures.   **(6marks)**
(c) The Choice of Information System to be used or adapted by business Organization could be determined based on some factors, highlight these Factors.   **(4.5marks)**
(d) What do understand by the concept of total cost of personal computer ownership.   **(4.5marks)**

QUESTION THREE
(a) Management Information System is a very important aspect of every organization. Hence discuss its roles with respect to transaction processing.   **(10marks)**

(b) There has been a sharp disagreement on the duo of DSS and ESS. Your audience could not differentiate between the importance and functionality of the two concepts. Consequently, you have been approached to disambiguate the notion stating the characteristics of DSS and how it differs from those of ESS.   **(9marks)**

(c) Write short notes on the following:
  i) Dynamic System.   **(2marks)**
  ii) Cybernative System.   **(2marks)**
  iii) Open System.   **(2marks)**

QUESTION FOUR
(a) Describe the following
        i) Recursive Relationship
        ii) Redundant Relationship
        iii) Dictionary Lookup
        iv) Searching and Matching Procedures.   **(6marks)**

(b) The heart of the Information Systems of an organization is the central repository of the organization data. Briefly discuss the Database Query Language and the components that are involve. **(9marks)**

(c) A complete Database Management System is made up of some basic components. Explain the various basic components that you know. **(10marks)**

QUESTION FIVE

(a) As a top computer science management of an organization, you will be directly responsible to the affairs of the MIS of the entire set up. Hence briefly discuss the classic functions of a manager in such organized Management Information System establishment. **(10marks)**

(b)With the aid of appropriate diagram, present and discuss a typical DSS architecture, explaining its five main components and their interactions. **(15marks)**

QUESTION SIX

(a) As a computer Scientist, describe Information System and its various types. **(7marks)**

(b) The types of information saved in the database are called entities. These entities exit in four kinds, list and give examples of each. **(6marks)**

(c) Briefly describe what you understand by Dictionary Construction and any five key aspects of dictionary construction found in Management Information Systems. **(12marks)**