COURSE CODE: DAM 382
COURSE TITLE: INFORMATION SYSTEMS MANAGEMENT
CREDIT UNIT: 3
INSTRUCTION: ANSWER QUESTION ONE (22 MARKS) AND ANY FOUR
QUESTIONS (12 MARKS EACH)

1.
   a. What is a Sniffing? (1 Mark)
   b. When managing Intranets, what are the two main options available to Enterprises when tackling the key issues of figuring out how to integrate legacy systems into the intranet and deciding how much control of the system should be decentralized? (2 Marks)
   c. In a tabular format differentiate between Information Management and Knowledge Management (6 Marks)
   d. List and briefly explain the five which make up today's security technique as stated by RSA (5 Marks)
   e. Illustrate using well detailed diagrams and symbol the process involved in
      i. Sending an encrypted message (4 Marks)
      ii. Sending a digital signature (4 Marks)

2.
   a. In a tabular form discuss the types of Application Service Providers (ASPs) and their corresponding capabilities. (6 Marks)
   b. Using a well detailed diagram Illustrate the Waterfall Development Life Cycle (6 Marks)

3.
   a. What are the four main functions of a data administrator? (2 Marks)
   b. Highlight the four major guidelines which must be followed in Defining the technical and architectural specifications for the systems when establishing the Ground rules in project management (2 Marks)
   c. Discuss any two main Types (and their components) of Middleware Used in Client-Server Application (8 Marks)

4.

   a. SQL is made up of three major components. List and briefly discuss the three components (3 Marks)

   b. Briefly explain the following Relational Operations function:

   (4 Marks)

       i. **Select**
      ii. **Project**
     iii. **Join**
     iv. **Product Intersection**
      v. **Difference**
     vi. **Union Division**

   c. In a tabular presentation differentiate between Traditional and Internet-based EDI (5 Marks)

5.

   a. State the conditions under which the law will recognise the existence of binding contract (3 Marks)

   b. Discuss the three-level database model (based on Bradley, Martin, and Atre) (9 Marks)

6.

   a. Discuss any six advantages of B2C e-business (6 Marks)

   b. Discuss any six potential B2C problems (6 Marks)