

Office of the Controller of Examinations

Sanothimi, Bhaktapur

Regular/Back/Scholarship Exam – 2081/2082 Chaitra/Baishakh

**Program: Diploma in Information Technology/
Computer Engineering**

Full Marks: 80

Year/Part: III/I (2022)

Pass Marks: 32

**Subject: Management Information System
(Elective I)**

Time: 3 hrs.

Note: Two question paper sets (Set A and Set B) will be prepared as per the prescribed syllabus. Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

Attempt any TEN questions.

1. What is information system? Explain any four types of information system. **[2+6]**
2. Differentiate between effectiveness and efficiency. Explain the role and benefits of information system in business. **[4+4]**
3. What do you mean by managing information technology? Explain the trends in information technology. **[4+4]**
4. Explain the structure of MIS. What is decision making in MIS? **[4+4]**
5. What is decision support system? Explain its benefits and characteristics. **[2+6]**
6. What is planning? Explain the planning process. **[2+6]**
7. What are the security and ethical challenges in managing information technology? **[8]**
8. What are accounting information system and geographical information system? **[8]**
9. What is disaster management? Explain in detail about firewall. **[3+5]**
10. What is AI? Explain the applications of AI. Also, list out its advantages and drawbacks. **[2+4+2]**
11. Write short notes on: (any **TWO**) **[2×4]**
 - a. Client server computing
 - b. Expert system
 - c. Managing security threat in e-business
 - d. Marketing information system
 - e. Types of office information system

Good Luck !

Office of the Controller of Examinations

Sanothimi, Bhaktapur

Regular Exam – 2081 Jetha/Ashadh

Program: Diploma in Computer Engineering/

Full Marks: 80

Information Technology

Year/Part: III/I (2022)

Pass Marks: 32

**Subject: Management Information System
(Elective I)**

Time: 3 hrs.

Note: Two question paper sets (Set A and Set B) will be prepared as per the prescribed syllabus. Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

Attempt any EIGHT questions.

1. What is information system? Explain different components of information system. **[2+8]**
2. What are the structure of MIS? Differentiate between MIS and data processing. **[5+5]**
3. Explain information system for business operations (SDLC). **[10]**
4. How do we plan and implement changes in managing information technology? Explain. **[10]**
5. Explain some of the used of MIS in functional areas of business. **[10]**
6. Define security threats and vulnerability. How to manage security threats in e-business? **[2+8]**
7. Define firewall. Explain types of office information system. **[3+7]**
8. Write benefits of decision support system. Explain importance of planning. **[6+4]**
9. Write short notes on (any **TWO**) **[2×5]**
 - a) Types of information system
 - b) Disaster management
 - c) Artificial intelligence

Good Luck !

Office of the Controller of Examinations

Sanothimi, Bhaktapur

Regular/Back Exam – 2080 Bhadra

Program: Diploma in Computer Engineering

Full Marks: 60

Year/Part: III/I (2018)

Pass Marks: 24

Subject: Management Information System

Time: 3 hrs.

Note: Two question paper sets (Set A and Set B) will be prepared as per the prescribed syllabus. Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

Attempt any FIVE questions.

1. a. Define information system. Explain types of information system. **[1+5]**
b. Explain different methods for solving business problem with information system. **[6]**
2. a. Define MIS. Explain the structure of a management information system. **[2+4]**
b. What is end user computing? Explain the role of MIS in decision support systems. **[2+4]**
3. a. What is planning? Explain the five process steps of organizational planning. **[1+5]**
b. Explain about DSS with its benefits and characteristics. **[6]**
4. a. What are security and ethical challenges? **[6]**
b. Explain supply chain management and customer relationship management. **[3+3]**
5. a Explain inventory information systems. **[6]**
b. Explain accounting information systems. **[6]**
6. Write short notes on: (any **THREE**) **[3×4]**
 - a. AI
 - b. Types of office information system
 - c. Neural networks
 - d. Procurement management

Good Luck !

Office of the Controller of Examinations

Sanothimi, Bhaktapur

Regular/Back Exam – 2079, Bhadra/Ashwin

Program: Diploma in Computer Engineering

Full Marks: 60

Year/Part: III/I (2018)

Pass Marks: 24

Subject: Management Information System (MIS)

Time: 3 hrs.

Note: Two question paper sets (Set A and Set B) will be prepared as per the prescribed syllabus. Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

Attempt any SIX questions.

1. a. What is information system in business? [5]
b. Explain the type of information system. [5]
2. a. Describe the structure of a management information system. [5]
b. What is data processing? Explain decision support system with an example. [1+4]
3. a. What is planning process? Mention the benefits of business applications of information system. [1+4]
b. Explain internet and e-commerce with its application. [5]
4. a. What are security and ethical challenges? [5]
b. Explain customer relationship management with an example. [5]
5. a. What is accounting information system? Explain. [5]
b. Explain quality information system. [5]
6. a. Explain artificial intelligence with its application. [5]
b. What is client server computing? [5]
7. Write short notes on: (any **TWO**) [2×5]
 - a. Nature of Office
 - b. Enterprise and Global Management
 - c. Marketing Information System

Good Luck !

Office of the Controller of Examinations

Sanothimi, Bhaktapur

Regular/Back Exam – 2078, Kartik/Mangsir

Program: Diploma in Computer Engineering

Full Marks: 60

Year/Part: III/I (2018 New Course)

Pass Marks: 24

Subject: Management Information System

Time: 3 hrs

Note: Two question paper sets (Set A and Set B) will be prepared as per the prescribed syllabus. Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

Attempt Any Five questions.

- 1 a) Write the fundamentals of information system. [6]
b) Describe the type of information system. [6]
- 2 a) What is Management Information system? Explain the structure of MIS [2+4]
b) What is planning? Explain Customer Relationship Management with its benefits. [2+4]
- 3 a) Write the business application of information technology. [6]
b) What is Decision Support System? Write down the characteristics and benefits of DSS. [6]
- 4 a) What are security and Ethical Challenges? [6]
b) Describe the supply chain management system. [6]
- 5 a) What is Marketing Information System? Explain with example. [6]
b) Describe the human resource information system. [6]
- 6 a) What is AI? Explain neural network in brief. [6]
b) What are the types of office information system? [6]

Good Luck !

Office of the Controller of Examinations

Sanothimi, Bhaktapur

Regular/Back Exam – 2076 Falgun

Program: Diploma in Computer Engineering

Full Marks: 60

Year/Part: III/I (2013 Course)

Pass Marks: 24

Subject: Management Information System

Time: 3 hrs.

Note: Two question paper sets (Set A and Set B) will be prepared as per the prescribed syllabus. Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

Attempt Any FIVE questions.

1. a) Define MIS. Explain role and impact of MIS. [2+4]
b) Briefly explain Planning. What are different types of strategies? [2+6]
2. a) What do you mean by security threats & Vulnerability? [2+4]
b) Write down different security tools use to manage security threats. [6]
3. a) What is Intellectual property? Explain in brief. [6]
b) Explain the concept of data, Information and knowledge with and example. [6]
4. a) What is knowledge management system? Explain the benefits of DSS. [3+3]
b) Briefly Explain applications of MIS in manufacturing sector. [6]
5. a) What is ERP? What are the benefits of ERP in corporate sector? [2+4]
b) What is CRM? Explain the benefits of CRM. [2+4]
6. a) Define Network Topology. Explain different types a of topologies in brief. [2+4]
b) Write short notes on (**Any TWO**) [3×2=6]
 - a) Client server Architecture
 - b) Data Warehouse & Data Mining
 - c) Transaction Processing system
 - d) Importance of decision making in business.

Good Luck !

Office of the Controller of Examinations

Sanothimi, Bhaktapur

Regular/Back Exam – 2075, Falgun/Chaitra

Program: Diploma in Computer Engineering

Full Marks: 60

Year/Part: III/I (2010)

Pass Marks: 24

Subject: Management Information System

Time: 3 hrs

Note: Two question paper sets (Set A and Set B) will be prepared as per the prescribed syllabus. Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

Attempt (Any Five) questions.

1. a) Define MIS. Explain management as a control system. [2+4]
b) What is strategic planning? Explain various tools of planning. [2+4]
2. a) Mention the general security challenges in IT systems. Explain disaster management. [2+4]
b) Define ethics and intellectual property. Explain impact of IT on quality of life. [2+4]
3. a) List 4 analytical models for decision making. Explain Decision making process based on Herbert Simon. [2+4]
b) Explain different methods of data and information collection. [6]
4. a) What is Supply Chain Management (SCM)? Explain information management in SCM. [2+4]
b) Explain the application of MIS in manufacturing sector at any 3 function levels. [6]
5. a) What is group DSS? Explain DSS application in e-Enterprise. [2+4]
b) Explain Enterprise Resource Planning (ERP) with its models and modules. [6]
6. a) Define Data and Transaction processing. Explain different types of network topology with example. [2+4]
b) Write Short Notes on (**Any Two**) [2×3=6]
 - i. TQM of information system
 - ii. Data Warehouse and Data Mining
 - iii. Client Server Architecture

Good Luck !

Office of the Controller of Examinations

Sanothimi, Bhaktapur

Regular/Back Exam – 2073, Falgun

Program: Diploma in Computer Engineering

Full Marks: 60

Year/Part: III/I (New Course)

Pass Marks: 24

Subject: Management Information System (MIS)

Time: 3 hrs

Note: Two question paper sets (Set A and Set B) will be prepared as per the prescribed syllabus. Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

Attempt Any Five questions.

1. a) What is MIS? Explain the role and impact of MIS in brief. [2×4]
b) Explain management as a control system. [6]
2. a) Explain the planning in brief. What are the types of strategies? [3+3]
b) What do you mean by security threats and Vulnerability? How do you manage security threats? [2×3]
3. a) What is the impact of IT on the workplace? Explain briefly about Intellectual property. [3+3]
b) Why decision making is important for business? Explain the term data and information. [3+3]
4. a) Explain the Herbert Simon model in decision is analyzed by analytical modeling. [3+3]
b) What do you mean by general model of human as an information processor? [6]
5. a) What is supply chain Management? List out the benefits of ERP. [3+3]
b) What is Network Topology? Explain its types in brief. [2+4]
6. Write short notes on: Any Four [4×3=12]
 - (a) Financial Management
 - (b) Benefits of DSS
 - (c) Knowledge Management system
 - (d) Data Warehouse
 - (e) Transaction Processing
 - (f) Business Intelligence

Good Luck !

Office of the Controller of Examinations

Sanothimi, Bhaktapur

Regular/Back Exam – 2072

Program: Diploma in Computer Eng.(New)

Full Marks: 80

Year/Part: III/I

Pass Marks: 32

Subject: Management Information System (MIS)

Time: 3 hrs.

Note: Two question paper sets (Set A and Set B) will be prepared as per the prescribed syllabus. Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

Attempt (Any Five) questions.

1. (a) Explain management as a control system. [3]
(b) Write the features of reliable and effective control system. [3]
(c) Define corporate planning & strategic planning. [3]
(d) What are the types of strategies used in planning? [3]
2. (a) Explain any four security measures in e-business for managing security threat. [6]
(b) What is the impact of IT on Privacy? Write some technical solutions for privacy protection in MIS. [2+4=6]
3. (a) Explain the Herbert Simon Model in Decision Making. [5]
(b) What is Value Perfect Information (VPI)? [2]
(c) Describe the Generalized Model of Human as an information processor. [5]
4. (a) Write the applications of Financial management. [3]
(b) What is the concept of service management? [2]
(c) What is knowledge management system? [3]
(d) Explain the benefits of Decision Support System in MIS. [4]
5. (a) What are the benefits of Enterprise Resource Planning? [3]
(b) Explain Supply Chain Management (SCM) in brief. [5]
(c) Define Data Processing and Transaction Processing. [4]
6. Write short notes on: (any four) [4×3=12]
 - (a) Data warehouse architecture
 - (b) Disaster management
 - (c) Business Intelligence
 - (d) RTS
 - (e) CRM

Good Luck !

Office of the Controller of Examinations

Sanothimi, Bhaktapur

Regular/Back Exam – 2071 Chaitra

Program: Diploma In Computer Eng.(New)

Full Marks: 60

Year/Part: III/I

Pass Marks: 32

Subject: Management Information System (MIS)

Time: 3 hrs.

Note: Two question paper sets (Set A and Set B) will be prepared as per the prescribed syllabus. Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

Attempt (Any Five) questions

1. (a) Explain about the roles and impact of MIS in an organization. [8]
(b) What do you mean by corporate planning? [4]
2. (a) Explain any two approaches to control security threat and vulnerabilities in e-business. [8]
(b) Write down the impacts of IT on workplace. [4]
3. (a) Explain Herbert Simon Model of decision making with examples. [8]
(b) What is DSS? [4]
4. (a) What do you mean by knowledge management? Write about knowledge based expert system. [2+2=4]
(b) Explain about the different types of network topologies with neat diagram. [8]
5. (a) What is Data warehouse? Explain with the help of its architecture. [8]
(b) Explain about Supply Chain Management (SCM) [4]
6. Write short notes on (**Any Three**) [3×4=12]
 - (a) Real time system
 - (b) Business Intelligence
 - (c) Knowledge Management System.
 - (d) Disaster Management

Good Luck !

Office of the Controller of Examinations

Sanothimi, Bhaktapur

Regular/Back Exam – 2069 Chaitra

Program: Diploma In Computer Eng.(New)

Full Marks: 80

Year/Part: III/I

Pass Marks: 32

Subject: Management Information System (MIS)

Time: 3 hrs.

Note: Two question paper sets (Set A and Set B) will be prepared as per the prescribed syllabus. Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

Attempt (Any Five) questions.

1. (a) Define MIS. Explain impact of MIS in an organization. How does it work as control system for managers? **[2+6=8]**
(b) Explain in brief about strategic planning. **[8]**
2. (a) How can you manage security threats in an e-business? **[8]**
(b) Define ethics. Describe in brief about technical solutions for privacy protection. **[2+6=8]**
3. (a) Describe about decision making concept and process. **[2+6=8]**
(b) Explain in brief about the methods of data and information collection. **[8]**
4. (a) Explain about the development of long range plans of the MIS. **[8]**
(b) How do MIS can be applied in manufacturing sector and service sector? **[8]**

Good Luck !