



**SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES
(AUTONOMOUS)**

QUESTION BANK

Year / Semester: I M.B.A II Semester

Regulation: R22

Subject and Code: MANAGEMENT INFORMATION SYSTEM - 22MBA126A

SYLLABUS

I MBA – Semester - II					
Course Code	MANAGEMENT INFORMATION SYSTEM	L	T	P	C
22MBA126A			3	1	0
Course Educational Objectives:					
<p>CEO1 : To inculcate students with comprehensive knowledge of information system and information technology for the use in business.</p> <p>CEO2 : To enable students understand the role of information system in managerial decision making.</p> <p>CEO3 : To provide knowledge on systems design, development and implementation.</p> <p>CEO4 : To apply specific knowledge of information system in functional areas of business.</p> <p>CEO5 : To enable students to manage and protect information resources.</p>					
UNIT - I	Information and systems concepts	Lecture Hrs: 10			
Types of Information systems on organizations, Decision making process – Individual Vs. Organizational models, Managing H/W, S/W and Data Resources, I.T. Infrastructure for the organization and Digital Firm.					
UNIT - II	MIS Design	Lecture Hrs: 10			
Importance of MIS Design, Approaches for the MIS design: Traditional and Modern Approaches. MIS Growth Model.					
UNIT - III	Management support systems	Lecture Hrs:12			
Decision support systems, Expert systems. Concepts of Data mining, Data warehousing and OLAP.					
UNIT - IV	Functional Information Systems	Lecture Hrs:12			
Marketing, Manufacturing, Financial and Human resource Information Systems					
UNIT - V	Information Systems Security and Control:	Lecture Hrs:10			
Vulnerability and Abuse, Anti-Virus Packages and Systems Audit. Managing Global Information Systems					
Course Outcomes:					
On successful completion of the course the student will be able to,				POs & PSOs related to COs	
CO1	Employ the features of Information system and Information technology in decision making process			PO1, PO2, PO6, PSO1	
CO2	Appraise the management information system design models			PO1, PO2, PSO1	



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CO3	Distinguish the application of various support systems to be put in appropriate practice	PO1, PO2, PSO1
CO4	Use the concept of sub systems and data flows in the functional areas of management.	PO1, PO2, PO6, PO7, PO8, PSO1
CO5	Apply the measures for safety and security of information system at organizational and global level.	PO4, PSO1, PSO2
Text Books:		
1. Management Information Systems: Managing the Digital Firm, Kenneth C. Laudon, Jane Price Laudon, Pearson, 2020. 2. Management Information Systems, Kenneth C. Lauadon and Jane. P. Lauadon, Pearson Education, 2015.		
Reference Books:		
1. Management Information Systems, James A O 'Brien, Tata McGraw Hill, 2008. 2. Management Information Systems, Murthy CSV, Himalaya, 2013. 3. Management Information Systems, Giridhar Joshi, Oxford, 2005.		
Online Learning Resources:		
https://repository.dinus.ac.id/docs/ajar/Kenneth_C.Laudon,Jane_P_.Laudon_-_Management_Information_Sysrem_13th_Edition_.pdf https://www.mbaknol.com/management-information-systems/case-study-on-mis-information-system-in-restaurant/ https://archive.nptel.ac.in/courses/110/105/110105148/		

Max Marks: 10



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S.No.	CO	Questions	BT
Unit I: (Information and systems concepts)			
1	1	Outline the concept of Information and discuss the characteristics of information.	L4
2	1	Illustrate the elements of System and elaborate the characteristics of system.	L4
3	1	List and explain the Types of Information system with suitable business use cases.	L3
4	1	Classify the Information system based on the levels of management and types of decisions.	L4
5	1	Compare and contrast the Individual and organizational models of decision making	L3
6	1	Explain the need and methods of Managing hardware and software in a medium sized business organization.	L3
7	1	Assess the use and build of database in business context and discuss the methods of managing database.	L3
8	1	Determine the IT requirement and infrastructure for an Online Retailer.	L3
9	1	Analyze the IT infrastructure for organization and suggest suitable strategies.	L3
10	1	Analyze the IT infrastructure for digital firm and suggest suitable strategies.	L3



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S.No.	CO	Questions	BT
Unit II: (MIS Design)			
1	2	Outline the need and importance of systems analysis and design for an organization planning to automate its operations.	L2
2	2	Assess the Traditional approach to systems design and the methods used for developing new system.	L3
3	2	Examine the feasibility of Modern approach to system analysis and design for medium scale organization.	L4
4	2	Identify the phases involved in MIS growth model and how it changed parallel to the growth of computer usage in the real business world.	L4
5	2	Explain the Steps involved in SDLC along with the pros and cons.	L3
6	2	Explain the Waterfall approach in systems development and apply it to develop a billing system for a retail organization.	L4
7	2	Develop a DFD for an online retail business and explain the tools used in SSADM..	L3
8	2	Explain the steps involved in RAD model with the pros and cons.	L3
9	2	Compare and contrast Software prototyping with RAD model.	L4
10	2	Demonstrate the growth of Management Information System as stated by Nolan.	L3



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S.No.	CO	Questions	BT
Unit III: (Management support systems)			
1	3	List out the two major support systems used by the enterprises and explain the concept of the support systems.	L3
2	3	Illustrate the usage of Decision Support system as a knowledge and model based system.	L3
3	3	Classify the Decision Support system and discuss the components of DSS.	L4
4	3	Explain ESS and apply the concept of ESS in organizational situations.	L3
5	3	Demonstrate the pros and cons of ESS with suitable illustration and describe its characteristics.	L3
6	3	Analyse the process of Data mining and its applications in business.	L3
7	3	Demonstrate the concept of Data Warehouse and its applications in business.	L3
8	3	List out the types of Data warehouse models applied for improved decision making in business.	L3
9	3	Define OLAP and explain its process in supporting decision making.	L3
10	3	Outline the working procedure of OLAP and its applications in business.	L3



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S.No.	CO	Questions	BT
Unit IV: (Functional Information Systems)			
1	4	Classify functional information system and mention the important decision making areas under each functional information system.	L4
2	4	List the activities involved in Operational financial information system and explain elaborately.	L3
3	4	Outline the Strategic and tactical financial information system and its role in improving financial decision making process	L3
4	4	List the activities involved in Strategic and tactical Production information system and explain in detail.	L3
5	4	Identify the activities involved in Operational production information system and explain with suitable illustrations.	L4
6	4	List the activities involved in operational marketing information system and explain	L3
7	4	Outline the strategic and tactical Marketing information system operations and activities that helps decision making.	L3
8	4	Examine the activities involved in operational HRIS with suitable examples	L3
9	4	Outline the strategic HRIS and its application in decision making.	L3
10	4	Identify the functions in tactical HRIS and its application in decision making.	L3



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S.No.	CO	Questions	BT
Unit V: (Information Systems Security and Control:)			
1	5	Outline the Contemporary security challenges and vulnerabilities	L3
2	5	Classify Malicious software and explain with examples.	L3
3	5	Assess the various Computer crimes and its effects on business automation.	L3
4	5	Explain the process of Information systems control that reduces the vulnerability ad security threats.	L3
5	5	Demonstrate the Technologies and tools for protecting information system.	L3
6	5	List the various types of Antivirus software and highlight the challenges addressed.	L4
7	5	Explain the process of Information system audit with its advantages.	L3
8	5	Outline Global Management information system adopted by Multinational and transnational companies.	L3
9	5	Explain the architecture of Global strategies in information technology	L3
10	5	Define Global MIS and explain the importance of reorganization in global management information system	L3

Note: L1-Remembering, L2-Understanding, L3-Applying, L4-Analyzing, L5-Evaluating, and L6-Creating



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Instruction to Faculty Members:

The Six Levels of Bloom's Taxonomy:

1. **Remembering:** Retrieving, recognizing, and recalling relevant knowledge from long-term memory (e.g., list, define, name, locate).
2. **Understanding:** Constructing meaning, explaining ideas, or concepts (e.g., summarize, interpret, classify, compare).
3. **Applying:** Using information in new situations or implementing procedures to solve problems (e.g., solve, use, demonstrate, implement).
4. **Analyzing:** Breaking material into constituent parts, determining how the parts relate to one another and to an overall structure (e.g., contrast, categorize, distinguish, diagram).
5. **Evaluating:** Making judgments based on criteria and standards through checking and critiquing (e.g., judge, critique, justify, defend, argue).
6. **Creating:** Putting elements together to form a coherent or functional whole; reorganizing elements into a new pattern or structure (e.g., design, construct, develop, formulate).