

U.S.N.

# B.M.S. College of Engineering, Bengaluru-560019

Autonomous Institute Affiliated to VTU

## June 2025 Semester End Main Examinations

Programme: B.E.

Semester: VI

Branch: Industrial Engineering and Management

Duration: 3 hrs.

Course Code: 23IM6PEMIS / 22IM6PEMIS

Max Marks: 100

Course: Management Information System

**Instructions:** 1. Answer any FIVE full questions, choosing one full question from each unit.  
2. Missing data, if any, may be suitably assumed.

Important Note: Completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages. Revealing of identification, appeal to evaluator will be treated as malpractice.			<b>UNIT - I</b>	<b>CO</b>	<b>PO</b>	<b>Marks</b>
	1	a)	Elaborate on three fundamental roles of the business applications of information systems.	CO1	PO1	10
		b)	With a suitable figure, discuss about an information system model that expresses a fundamental conceptual framework for the major components and activities of information systems.	CO1	PO1	10
			<b>OR</b>			
	2	a)	Summarize the important attributes of information quality.	CO2	PO1	10
		b)	Illustrate IS model that express fundamental conceptual framework for the major components and activities of IS or the sources of IS.	CO2	PO1	10
			<b>UNIT - II</b>			
	3	a)	Discuss on “Brains mesh like network” and genetic algorithm with respect to cognitive science applications.	CO2	PO1	10
		b)	Elaborate how a business transactions sales & purchases are generated by the physical operation systems of a manufacturing system.	CO2	PO1	10
			<b>OR</b>			
	4	a)	Elaborate on Enterprise collaboration system as related to OSS.	CO2	PO1	10
		b)	Discuss the benefits and limitations of expert systems.	CO2	PO1	10
			<b>UNIT - III</b>			
	5	a)	“The internet work enterprise depends on internet, intranet and extranet for Enterprise collaboration”. Justify using a block diagram.	CO3	PO2	10

	b)	What is E-Commerce? Using block diagram, discuss about business applications of telecommunications.	CO3	PO2	10
		<b>OR</b>			
6	a)	What is B2B? Elaborate on B2B using a Push- Pull Example with neat block diagram.	CO3	PO2	10
	b)	Explain WWW Architecture of e-commerce & client server structure of the web.	CO3	PO2	10
		<b>UNIT - IV</b>			
7	a)	Elaborate on mercantile process model from the Merchants perspective.	CO4	PO3	10
	b)	“For home banking, greater demands on consumers and expanding need for information, its services are often categorized as basic, intermediate and advanced”. Justify the same with example.	CO4	PO3	10
		<b>OR</b>			
8	a)	Discuss about home Shopping and home Entertainment.	CO4	PO3	10
	b)	Discuss about mercantile process model from the consumer’s perspective.	CO4	PO3	10
		<b>UNIT - V</b>			
9	a)	Explain EDI and its applications in business.	CO1	PO1	10
	b)	“Funds flow directly from the payer’s bank to the payee’s bank on the same day” Clarify this statement.	CO1	PO1	10
		<b>OR</b>			
10	a)	Elaborate on the components of international trade using a block diagram.	CO2	PO1	10
	b)	Discuss about Automated Clearing House (ACH) transfers and Digital Signatures with respect to EDI.	CO2	PO1	10

\*\*\*\*\*