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## Third Semester MBA Degree Examination, June/July 2024 Information Technology for Managers

Time: 3 hrs.

Max. Marks: 100

- Note:** 1. Answer any *FOUR* full questions from Q.No.1 to Q.No.7.  
2. Question No. 8 is compulsory.  
3. M : Marks , L: Bloom's level , C: Course outcomes.

			M	L	C
Q.1	a.	Define Information System.	3	L1	CO2
	b.	Explain various components of Information System.	7	L2	CO2
	c.	Discuss on the Security Challenges of E-Enterprise.	10	L2	CO2
Q.2	a.	What is OAS?	3	L1	CO2
	b.	What is TPS? Explain the features of TPS.	7	L2	CO2
	c.	Differentiate between Decision Support System and Expert System.	10	L4	CO2
Q.3	a.	What is Real Time Enterprise?	3	L1	CO2
	b.	Explain the impact of Management Information System.	7	L2	CO3
	c.	Describe the application of IOT in wearable.	10	L2	CO2
Q.4	a.	What is Prototype model?	3	L1	CO2
	b.	What is Waterfall model? What are its merits and demerits?	7	L1	CO2
	c.	Briefly explain the roles and responsibilities of system analyst.	10	L2	CO2
Q.5	a.	Differentiate between information and data.	3	L4	CO2
	b.	What is RAD? Explain the various steps involved in RAD.	7	L2	CO2
	c.	Describe the phases of SDLC.	10	L2	CO3
Q.6	a.	What do you mean by IT Infrastructure?	3	L1	CO2
	b.	Explain the different types of Network Topology.	7	L2	CO2
	c.	Explain the various components of Hospital Information System.	10	L2	CO2

Q.7	a.	What is Virtual reality?	3	L1	CO2
	b.	Explain the application of AI in Education.	7	L2	CO2
	c.	Describe the application of IOT in Smart Cities.	10	L2	CO2
Q.8		<p>Case Study:</p> <p>A Book house offers books on various subjects in Science and technology. The owner of the book house maintains inventory of Rs.20 lakhs or more. It is also observed that there are some slow moving titles since last year which result in dead stock. To clear this dead stock, a reduction sale was organized. The revenue generated out of this sale was less than the list price. During last year, Inventory carrying accounts for interest cost.</p> <p>The owner is interested to computerize to avoid such cases in future. The existing monthly stock report provides a stock statement by titles. It gives status of opening balance, receipts, sales and balances.</p>			
		Questions :			
	a.	Evaluate Existing System.	5	L5	CO2
	b.	Explain information needs to design suitable MIS.	5	L2	CO2
	c.	Advice various output requirements, so that reports can be useful to control the business.	5	L2	CO2
	d.	Suggest new technologies to coordinate stocking, billing accounting and decision making.	5	L5	CO2

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