22MBA302

Third Semester MBA Degree Examination, June/July 2025
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 MIS.	03	L1	CO1
	b.	Discuss the ethical issues in information systes.	07	L2	CO1
	c.	Explain water fall model and all the stages involved in water fall model in detail.	10	L2	CO3
Q.2	a.	What is an electronic payment system?	03	L1	CO2
	b.	Elucidate the MIS applications in airlines and hospitals.	07	L2	CO2
	c.	Explain the applications of AI in the field of agriculture, health and education.	10	L2	CO2
Q.3	a.	What is system analysis?	03	L1	CO1
	b.	Explain the impact of IT on society.	07	L2	CO4
	c.	Discuss the star topology and bus topology in detail.	10	L2	CO3
Q.4	a.	What is expert system?	03	L1	CO1
	b.	Write a note on different types of network LAN, WAN and MAN.	07	L2	CO3
	c.	Briefly explain what is prototype model with its advantages and the disadvantages.	10	L2	CO3
Q.5	a.	What is a data flow diagram ?	03	L1	CO1
	b.	Differentiate between Augmented reality, virtual reality and mixed reality.	07	L4	CO2
	c.	Illustrate the model of personnel information system and discuss the various activities of personnel information system.	10	L4	CO3
Q.6	a.	What is a service?	03	L1	CO2
	b.	Discuss the roles and responsibilities of database administrator.	07	L2	CO4
	c.	Explain group decision support system along with its components, advantages and disadvantages in detail.	10	L2	CO4
Q.7	a.	Define AI.	03	L1	CO2
	b.	Differentiate between Intranet and Extranet.	07	L3	CO2
	c.	Explain the Balance score card in detail.	10	L2	CO1

Q.8 **CASE STUDY**

Sanjay is a do-it-yourself entrepreneur who built up his fortune in trading. He traded in anything and everything and kept close control of every activity. This was how he had grown rich enough to indulge in his one dream-to build a college in his hometown A college that would be at par to the ones in the better cities, the ones in which he could not study himself. Work started a year back and the buildings were coming along well. He himself did not use computers much and become hooked to the internet and e-mail only recently. He was determined to provide a PC and internet to every student and faculty member. He was currently engrossed in plans for the 100 seater computer lab. What was confusing him was the choice of internet connectivity. He has about a dozen quotes in front of him. Recommendations ranged from 64 kbps ISDN all the way to I Gbps leased line to Guwahati, which was almost 200 kms away. Prices ranged from slightly under a lakh all the way up to Rs. 25 lakh and beyond. He did not understand most of the equipment quoted. Firewall, proxy server, cache appliance, not was he sure what the hidden costs were Although it went against his very nature, he would have to identify a trust worthy consultant who would help him make sense of the whole thing.

		a. In the context of the given case, what management issues need to be addressed by Sanjay?	5	L4 L5	CO1
		b. Why is it important for managers to be tech savvy?	5	L4 L5	CO1
		c. What is the importance of a system consultant to an organization?	5	L4 L5	CO1
		d. What IT Skills should a system consultant possess?	5	L4 L5	CO1

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