Duration: 3hrs   **[Max Marks:80]**

N.B. : (1) Question No 1 is Compulsory.
       (2) Attempt any three questions out of the remaining five.
       (3) All questions carry equal marks.
       (4) Assume suitable data, if required and state it clearly.

1		Attempt **any FOUR**	**[20]**
	a	Compare computer network wired and wireless technology	**[5]**
	b	Analyze how social computing is inspiring customer service?	**[5]**
	c	Differentiate between data warehouses and data marts.	**[5]**
	d	List down security controls.	**[5]**
	e	Classify types of CRM.	**[5]**
2	a	Map lifecycle model with any MIS system.	**[10]**
	b	Determine the role of Information Systems in shaping industry 4.0 and the future of manufacturing and services.	**[10]**
3	a	Explain the major security threats to information security and discuss the measures for controlling the same.	**[10]**
	b	Explain the dimensions of Big Data.	**[10]**
4	a	What is Cloud Computing? Explain its models.?	**[10]**
	b	State giving example role of technology in Business Intelligence systems.	**[10]**
5	a	Explain characteristics of MIS with example.	**[10]**
	b	Compare and contrast Web 1.O,2. O,3. O with example.	**[10]**
6	a	What are the main pillars of designing the security of a MIS system?	**[10]**
	b	Differentiate between B2B, B2C, C2C, and B2E electronic commerce based on the nature of the transactions, the parties involved, and the examples.	**[10]**

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