SY-Honors



Questi on No.		Max. Mar ks	CO Mapped	BT Level
Q1	 A. Discuss How goals of security relate to acts of security harm. That is, is any of these acts equivalent to one or more of the goals? Is one of the goals encompassed by one or more of the four? B. Encrypt the message "Cryptography and System security" with playfair cipher. The encryption key is: MODERNISM and the letters a and b occupy the same position. 	5+5	CO1	UN AP
	OR	OR		
	Consider a scenario of electronic voting during elections. Discuss various possibilities of MOM (Motive-Opportunity-Method)	10		
Q2	In a Diffie-Hellman Key Exchange, Alice and Bob have chosen p = 17 and g = 5. i. If Alice's secret key is 4 and Bob's secret key is 6, what is the secret key they exchanged? ii. Is the Diffie-Hellman Key Exchange vulnerable to man in middle attack? justify your answer with an example. iii. Comment on strengths and weaknesses of Diffie-Hellman approach.	3+4+3	CO2	AP UN
Q3	A. Compare and contrast AES and DES. B. Explain the following terms with suitable examples. a. Non-Feistel cipher b. Confusion c. Diffusion	4+6	CO2	UN EV