



Information and Network Security

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TYCS-713

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Roll No : 713

Subject : Information and Network Security

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SR NO	DATE	PRACTICAL AIM	PG. NO	REMARK
1	21/08/2020	WAP in Java to implement the following Substitution Cipher Techniques 1) Caesar cipher 2) Monoalphabetic Cipher	1-6	
2	02/09/2020	Write program to implement the following Substitution Cipher Techniques a) Vernam Cipher b) Playfair Cipher.	7-13	
3	28/08/2020	Write program to implement the following Transposition Cipher Techniques a) Rail Fence Cipher b) Simple Columnar Technique	14-19	
4	11/09/2020	Write program to encrypt and decrypt strings using 1) DES Algorithm 2) AES Algorithm	20-23	
5	29/09/2020	Write a program to implement RSA algorithm to perform encryption / decryption of a given string.	24-26	
6	06/10/2020	Write a program to implement the Diffie-Hellman Key Agreement algorithm to generate symmetric keys.	27-31	
7	23/10/2020	Write a program to implement the MD5 algorithm compute the message digest.	32	
8	16/10/2020	Write a program to calculate HMAC-SHA1 Signature	33-34	
9	07/11/2020	Configure windows firewall to block 1) A port 2) An Program 3) A Website	35-50	