## CBCS SCHEME

USN			15CS61
	L	Sixth Semester B.E. Degree Examination, June/July 2019	
		Cryptography, Network Security and Cyber La	
Tin	ne: í		larks: 80
	N	ote: Answer any FIVE full questions, choosing ONE full question from each mo	odule.
	11		
		Module-1	(04 Marks)
1	-	Describe the types of Vulnerabilities to domain of security.	(04 Marks)
	b.	1 I T 11 1 14	(08 Marks)
	c.		(
lactic?		OR Single through by given below data:	
2	a.	Calculate the value of x using Chinese remainder theorem by given below data: $\frac{1}{2}$	(05 Marks)
		$N = 210$ , $n_1 = 5$ , $n_2 = 6$ , $n_3 = 7$ , $x_1 = 3$ , $x_2 = 5$ , $x_3 = 2$ .	(06 Marks)
	b.		(05 Marks)
	C.	With neat diagram, explain Fiestel structure.	(00 11111113)
		Module-2	(00 75 7 )
3	a.		(08 Marks)
	b.		(04 Marks)
	C.	List the properties of the cryptographic hash.	(04 Marks)
		OR	
4	a.	Discuss the case study: SHA – I.	(08 Marks)
	b.	Explain the Man - In - the Middle attack on Diffie - Hellman key exchang	e, with neat
		diagram.	(08 Marks)
		Module-3	
5	a.	The state of the s	(08 Marks)
5	b.		(08 Marks)
		OR	
6	0	The state of the s	(06 Marks)
6	a. b.	1 II 1 I I I I I I I I I I I I I I I I	y Pay load in
	υ,	transport mode.	(05 Marks)
	c.	E 12 C - Carlete Lavou (CSI) hand shake protocol	(05 Marks)
		Module-4	
-		The state of the state of Master Session Key exchange in 802 11i	(05 Marks)
7	a.		(05 Marks)
	b	The state of the s	(06 Marks)
	C.	A STATE OF THE STA	
-		OR	(05 Marks)
8		Write a note on Intrusion Detection System (IDS).	(05 Marks)
	b	Ti a 1 1 To 1 Valor for Wal Convigor	(06 Marks)
	C	,	, , , , , , , , , , , , , , , , , , , ,
		Module-5	(10 Mayl)
9	a		(10 Marks) (06 Marks)
	h	Describe the duties of Subscribers.	(on many)

a. List any eight functions of the Controller.
b. Briefly explain Penalties and Adjudication in IT Act. \* \* \* \* \*

OR

(08 Marks) (08 Marks)

Important Note: 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.

2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.