

CBCS SCHEME

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BETCK1105/BETCK105I

First Semester B.E./B.Tech. Degree Examination, June/July 2023 Introduction to Cyber Security

Time: 3 hrs.

Max. Marks: 100

Note: 1. Answer any FIVE full questions, choosing ONE full question from each module.
2. M : Marks , L: Bloom's level , C: Course outcomes.

Module – 1			M	L	C
Q.1	a.	Explain the classification of cyber crimes. List all the crimes under each category.	10	L1	CO1
	b.	Identify how industrial spying is a cyber crime.	10	L2	CO1
OR					
Q.2	a.	Explain who are cyber criminals? List the types of cyber criminals.	10	L2	CO1
	b.	Illustrate 'cybercrime' and extended enterprise.	10	L2	CO1
Module – 2					
Q.3	a.	Explain briefly how criminals plan the attack.	10	L1	CO2
	b.	Illustrate cyber stalking in brief with types of stalkers.	10	L2	CO2
OR					
Q.4	a.	Explain social engineering briefly with the classification of social engineering.	10	L2	CO2
	b.	Identify any five attack vectors and explain about it.	10	L2	CO2
Module – 3					
Q.5	a.	Explain key loggers with its types.	10	L2	CO2
	b.	Identify any five types of viruses and explain each in detail.	10	L2	CO2
OR					
Q.6	a.	Explain about steganography and how it helped in data security.	10	L2	CO2
	b.	Explain various traditional attacks on wireless networks.	10	L2	CO2
Module – 4					
Q.7	a.	Define Phising. Explain any four methods of Phising.	10	L2	CO4
	b.	Identify the Types/Levels of DoS attacks with examples.	10	L2	CO4
OR					
Q.8	a.	Explain any five methods which used to protect from DoS/DDoS attacks.	10	L2	CO4
	b.	Identify the different types of Identity theft and explain with example.	10	L2	CO4
Module – 5					
Q.9	a.	Define Digital Forensics. Briefly explain the digital forensic life cycle.	10	L1	CO5
	b.	Explain the phases in computer Forensics/Digital forensics.	10	L2	CO5
OR					
Q.10	a.	Define 'Chain of Custody' and explain it with proper examples.	10	L2	CO5
	b.	Briefly explain about network forensics.	10	L2	CO5
