

CBCS SCHEME

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BETCK205I

Second Semester B.E/B.Tech. Degree Examination, June/July 2025

Introductions 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
1	a.	Who are cyber criminals? Discuss the three group of cyber criminals.		10	L2	CO1
	b.	List the various cyber crimes. Explain the cybercrime against organization and against individual.		10	L1	CO1
OR						
2	a.	Discuss cyber crime and the Indian ITA 2000.		6	L2	CO1
	b.	Explain cyber defamation.		6	L2	CO1
	c.	Explain Spamming , Forgery, Data diddling salami attack/salami technique.		8	L2	CO1
Module – 2						
3	a.	Define cyber stalking. Explain types of stalkers.		6	L2	CO2
	b.	Explain Botnets in detail.		7	L2	CO2
	c.	Explain how stalking works?		7	L2	CO2
OR						
4	a.	How criminals plan the attacks? Explain phases involved in planning cyber crime.		10	L1	CO2
	b.	What is social engineering? Discuss Human Based and Computer Based social engineering.		10	L1	CO2
Module – 3						
5	a.	Explain password cracking.		6	L2	CO3
	b.	Explain strong, weak and random passwords.		6	L2	CO3
	c.	Explain key loggers and spywares.		8	L2	CO3
OR						
6	a.	Explain types of viruses.		7	L2	CO2
	b.	Explain back doors.		6	L2	CO2
	c.	Explain types or levels of DoS attacks and discuss tools used to launch DoS attack.		7	L2	CO3
Module – 4						
7	a.	Explain method of phishing.		8	L2	CO4
	b.	Explain phishing techniques.		6	L2	CO4
	c.	Explain types of phishing scams.		6	L2	CO4
OR						
8	a.	Explain phishing counter measures.		10	L2	CO4
	b.	List and explain types of identity theft.		10	L2	CO4
Module – 5						
9	a.	Explain the digital forensics process.		6	L2	CO5
	b.	Explain phases in computer forensics/digital forensics.		7	L2	CO5
	c.	Explain RFC 2822.		7	L2	CO5
OR						
10	a.	Explain Network forensics.		6	L2	CO5
	b.	Explain the need for computer forensics.		6	L2	CO5
	c.	Explain forensics analysis of E-mail.		8	L2	CO5

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