

CBCS SCHEME

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BETCK105I/ BETCKI105

First Semester B.E./B.Tech. Degree Examination, Dec.2023/Jan.2024 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.	Define the following terms : i) Cyber space ii) Cyber squatting iii) Cyber punk iv) Cyber warfare v) Cyber terrorism	10	L1	CO1
	b.	Discuss the various classifications of cyber crimes.	10	L2	CO1
OR					
Q.2	a.	Who are cyber criminals? Discuss in detail the various types of cyber criminals.	10	L2	CO1
	b.	Explain the various classifications of cyber crimes.	10	L2	CO1
Module – 2					
Q.3	a.	Explain the phases involved in planning a cyber crime.	10	L2	CO1
	b.	What is cyber stalking? Explain in detail how cyber stalking works.	10	L2	CO1
OR					
Q.4	a.	Differentiate between active attacks and passive attacks.	10	L3	CO1
	b.	What are botnets? Explain how botnets can be used for gainful purposes.	10	L2	CO1
Module – 3					
Q.5	a.	Explain the various stages of a Network attack.	10	L2	CO2
	b.	Define the following terms : i) Proxy servers and Anonymizers ii) Phising iii) Keyloggers and spywares iv) Virus and worms v) Trojans and backdoor virus	10	L2	CO2
OR					
Q.6	a.	Explain the types of computer viruses.	10	L2	CO2
	b.	Explain the types of DOS attacks.	10	L2	CO2

Module – 4					
Q.7	a.	What is Phising ? Explain the various phising techniques.	10	L2	CO3
	b.	Explain the types of phising scams	10	L2	CO3
OR					
Q.8	a.	What is identity theft? Explain the types of identity theft.	10	L2	CO3
	b.	Discuss the techniques of identity theft.	10	L2	CO3
Module – 5					
Q.9	a.	What is digital Forensics? Explain the roles and typical scenarios involved in digital forensics.	10	L2	CO4
	b.	With a aid of diagram, explain the digital forensics lifecycle.	10	L2	CO4
OR					
Q.10	a.	Discuss the various methods for Extracting forensic evidence.	10	L2	CO4
	b.	Write short notes on : i) Chain of custody ii) Digital forensic science.	10	L2	CO4
