

MAKE-UP EXAM

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BETCK2051/BETCKI205

Second Semester B.E./B.Tech. Degree Examination, Nov./Dec. 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.	Who are cybercriminals? Discuss the three groups of cybercriminals.	08	L3	CO1
	b.	Define Cybercrime. Explain the two types of Attacks in cyber security.	06	L2	CO1
	c.	Explain Salami Attack, Email bomb and Identity theft.	06	L2	CO1
OR					
Q.2	a.	Explain in detail the classification of cybercrime against individual property, organization, society and crimes emanating from usenet news groups.	12	L2	CO1
	b.	Discuss cybercrime and the Indian ITA 2000.	08	L3	CO1
Module – 2					
Q.3	a.	What is social engineering? Discuss the classification of social engineering with examples.	10	L3	CO2
	b.	Differentiate between passive and active attacks.	05	L3	CO2
	c.	How cyber cafes are creating the paths for cybercrimes.	05	L2	CO2
OR					
Q.4	a.	Define Bot and Botnet. With a neat diagram explain how Botnet create business.	10	L2	CO2
	b.	Define cyber stalking along with its working explain two types of stalker.	10	L2	CO2
Module – 3					
Q.5	a.	Explain the following : (i) Software keyloggers (ii) Hardware keyloggers (iii) Antikeylogger (iv) Spywares.	10	L2	CO3
	b.	What is proxy server in the cyber security?	05	L1	CO3
	c.	Explain Anonymizer's and its purpose.	05	L2	CO3
OR					
Q.6	a.	Discuss the types or levels of DOS attacks.	10	L3	CO3
	b.	Elaborate the steganography and steganalysis with diagram.	05	L2	CO3
	c.	Differentiate between virus and worm.	05	L2	CO3
Module – 4					
Q.7	a.	Summarize different types of Identity Theft techniques.	10	L1	CO4
	b.	Explain the different types of phishing scams.	10	L2	CO4
OR					
Q.8	a.	What is Identity Theft? Explain with examples. How information can be classified?	10	L2	CO4
	b.	Explain the various techniques used by phishers to launch phishing attacks.	10	L2	CO4
Module – 5					
Q.9	a.	Recall the need for concept of Computer Forensics.	06	L1	CO5
	b.	Explain the rules of evidence in Forensics	06	L2	CO5
	c.	With a neat diagram explain process model of Digital Forensic Process.	08	L2	CO5
OR					
Q.10	a.	Explain the importance of Chain of Custody concept in cyber forensic with example.	08	L2	CO5
	b.	Discuss the phases of Forensic life cycle.	12	L3	CO5