Paper / Subject Code: 32227 / Department Optional Course-I: IT Infra and Security

1T01035 - T.E.(Electronics and Telecommunication)(SEM-V)(Choice Base Credit Grading System) (R-20-21) (C Scheme) /

32227 - Department Optional Course-I: IT Infra and Security

QP CODE: 10011687 DATE: 02/12/2022

Duration: 3hrs [Max Marks: 80]

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- (2) Attempt any three questions out of the remaining five.
- (3) All questions carry equal marks.
- (4) Assume suitable data, if required, and state it clearly.

	Q.1)	Answer any Four questions. Each question carries five marks.	[20 M]
	A)	List out the challenges in IT infrastructure Management.	
	B)	Differentiate between RADIUS, TACACS, and TACACS+	
	C)	Write a short note on SQL Injection	
	D)	Differentiate between WEP & WPA protocols.	
	E)	Explain the Threat Model.	
	Q.2	Answer the following	
	A)	Explain in detail the various defense strategies used to avoid cyberattacks.	[10 M]
	B)	What is System Design Process and explain the design issues of IT	[10 M]
		Organizations and IT Infrastructure.	S. S. A.
	Q.3	Answer the following	
	A) &	What is Cross-Site Scripting (XSS) and How Does it Work?	[10 M]
	B)	List out various types of Malwares and explain how it gets activated in the system.	[10 M]
	Q.4	Solve the following	
	A)	Explain what are the steps required in systems security planning.	[10 M]
	B)	What measures should be taken to maintain the reliability and Integrity of sensitive databases?	[10 M]
	Q.5	Answer the following	
	A)	Explain in detail Mobile IP and VPN.	[10 M]
	B)	What are the different wireless network attacks? How it should be	[10 M]
	D) 6	protected?	[10 111]
	Q.6	Solve the following	
7	A) S	What is Cookie Poisoning and how does it work?	[10 M]
	B) 💎	Explain in detail JavaScript Hijacking with suitable example.	[10 M]
