06/06/2025 BE IT SEM-VII C-SCHEME INFRA.SECHRITY QP CODE: 10083065

Duration: 3 Hours   **Max. marks: 80**

N.B. (1) Question No. 1 is compulsory.
**   (2) Out of remaining questions attempt any three.**
**   (3) Figures to right indicate full marks.**

Q1)	Solve any four	20 M
	a) What is transient and resident virus? Explain trap door and logic bomb.	
	b) What is Buffer Overflow attack and how is it prevented?	
	c) How is VPN helpful in securing data?	
	d) Describe in brief different countermeasures for cloud security.	
	e) What are different types of mobile security threats?	
Q2)	a) Explain in detail the file protection mechanism.	20 M
	b) Explain different wireless network threats.	
Q3)	a) Explain Bell La Padula Multilevel security model with appropriate diagram.	20 M
	b) Explain different types of email attack.	
Q4)	a) Describe in brief different countermeasures for cloud security.	20 M
	b) Explain different web server and web browser attacks?	
Q5)	a) What is session Hijacking? Explain various techniques that could be used for Hijacking sessions.	20 M
	b) Explain Wireless Intrusion Detection System.	
Q6)	a) Explain in detail Business Continuity and Disaster Recovery Planning.	20 M
	b) Discuss Trust Boundaries and IAM.	

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