BE / Comp / VII / R19 / CSCHEME / NOV 25 / 24-11-25

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Time: 3 hours **Marks: 80**

N.B.: 1) Question No.1 is **compulsory**.
2) Attempt any **THREE** questions out of remaining **FIVE** questions.
3) **Figures** to the **right** indicates **full** marks.
4) Assume suitable data if **necessary**.

Q1		**20**
a	How Cybercrimes differs from most terrestrial crime?	
b	Discuss challenges for securing data in business perspective.	
c	Discuss botnets in cybersecurity.	
d	Difference between Steganography and Cryptography.	
Q.2		
a	Discuss viruses and worms. Explain in detail types of viruses.	**10**
b	Explain digital evidence in detail. Also explain possible locations for digital evidence.	**10**
Q.3		
a	Discuss classification of cybercrimes in details.	**10**
b	Discuss Phishing and Vishing. How it works? How to Protect from Phishing and Vishing Attacks?	**10**
Q.4		
a	Discuss SQL injection attack. Explain Steps for SQL Injection attack. How to prevent SQL Injection attacks?	**10**
b	Discuss steps involved in planning of cyberattacks by criminal.	**10**
Q.5		
a	What is e-commerce? Discuss types of e-commerce.	**10**
b	Discuss DoS/ DDoS attacks. Explain types of DoS attacks.	**10**
Q.6		**20**
a	Port Scanning	
b	Cyberstalking and harassment	
c	Salami attack and data diddling	
d	IPR	

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