

B.C.A. Semester-5 Examination**SEC 301 (B)****Information Security****March-2024****Time : 2-30 Hours]****[Max. Marks : 70]**

Q-1	Write the Following.	
1	Explain Information Security principles of success in detail.	7
2	Explain different types of computer crimes that cyber criminal commits.	7
OR		
1	What are the standard codes of ethics in information security.	7
2	Discuss patent law, trademarks and trade secrets.	7
Q-2	Write the Following.	
1	Write a note on Physical security domain and security threats.	7
2	Explain operation security principles in detail.	7
OR		
1	Explain operation security process and control in detail.	7
2	Explain intrusion detection.	7
Q-3	Write the Following.	
1	Explain the terms and concepts of Access Control System.	7
2	Explain Kerberos.	7
OR		
1	Describe cryptography.	7
2	Explain different methods of authentication.	7
Q-4	Write the Following.	
1	What is Network? Explain different types of data networks.	7
2	Write a short note on Antivirus software.	7
OR		
1	Discuss the OSI reference model.	7
2	Explain firewall.	7

Q-5	Answer the Following. (Any Seven)				14
1	DoS stands for _____.				
	A Denial-of-service	C Data-of-service			
	B Digital-of-service	D Devices-of-service			
2	ACL stands for _____.				
	A Access Control Location	C Access Control Link			
	B Access Control List	D Access Control Locator			
3	TLS stands for _____.				
	A Transport Layer Service	C Transport Layer Structure			
	B Transport Layer System	D Transport Layer Security			
4	NAT stands for _____.				
	A Network Address Transaction	C Network Address Translation			
	B Network Address Television	D Network Address Transport			
5	VPN stands for _____.				
	A Virtual Public Network	C Visual Private Network			
	B Virtual Private Network	D Video Private Network			
6	Define Vulnerability.				
7	What is Port Scanning?				
8	Define Phishing.				
9	What is Identity theft?				
10	What is encryption?				
11	Define Malware.				
12	Define router and on which layer router is used?				