

B.C.A. Semester-5 Examination

SEC 301 (B)

Information Security

Time : 2-30 Hours]

March-2024

[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

(P.T.O.)

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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?				