

## IMSc IT (ANS) Sem.-4 Examination

## BSCAN-22

## End Point Security

May-2025

Time : 2-30 Hours]

[Max. Marks : 70

**Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

		<b>Attempt any Five Questions.</b>	<b>Marks</b>
Q.1	(a)	What is Endpoint security? Provide real-world examples of endpoint threats and their impact.	7
	(b)	What is an Endpoint Protection Platform (EPP)?	7
Q.2	(a)	Explain the common types of endpoint attacks such as malware, ransomware, phishing, and insider threats.	7
	(b)	List and describe different types of endpoint security solutions available to enterprises.	7
Q.3	(a)	Compare and contrast Antivirus, Firewalls, and Intrusion Detection/Prevention Systems (IDS/IPS).	7
	(b)	What is Zero Trust Architecture (ZTA), and how does it impact endpoint security?	7
Q.4	(a)	Case Study - Analyze the incident of intellectual property theft at Yahoo by a malicious insider	7
	(b)	Case Study - Examine the Tesla data breach involving former employees.	7
Q.5	(a)	Discuss the importance of Data Loss Prevention (DLP) in endpoint security.	7
	(b)	What is Next-Generation Antivirus (NGAV)? How does it differ from traditional antivirus solutions?	7
Q:6	(a)	What is Cluster-Based Forensics?	7
	(b)	Explain the role and significance of firewall, mobile device control, and web filtering as part of enterprise endpoint security	7
Q:7	(a)	Differentiate between on-premises endpoint security management and cloud-managed endpoint security.	7
	(b)	True / False 1. Endpoint security only protects mobile phones. (T/F) 2. Antivirus is an essential part of EPP. (T/F) 3. Mobile devices can be managed through cloud-based endpoint platforms. (T/F) 4. Antivirus alone is enough to secure an enterprise. (T/F)	7
		5. Web filtering helps reduce phishing risks. (T/F) 6. Firewalls can stop email phishing. (T/F) 7. Advanced Threat Prevention uses AI and ML. (T/F)	