

IMSc IT (ANS) Sem.-4 Examination

BSCAN-21

Cyber Law & Security

May-2025

[Max. Marks : 70]

Time : 2-30 Hours]

Instructions:

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

		Attempt any Five questions.	Marks
Q:1	(a)	Explain the features of the IT Act.	07
	(b)	Write a short note on Digital Signature.	07
Q:2	(a)	Write a short note on Cyber Crime and its classifications and types.	07
	(b)	Describe Security vulnerabilities, threats and attacks.	07
Q:3	(a)	Write a short note on Digital Forensic Lifecycle.	07
	(b)	Write a short note on Cryptography with the types of cipher used in with the examples.	07
Q:4	(a)	Explain Steganography in detail.	07
	(b)	Explain commonly used crypto algorithms.	07
Q:5	(a)	Describe the public key infrastructure and data encryption standard.	07
	(b)	Explain CHAPTER IX PENALTIES, COMPENSATION AND ADJUDICATION of the IT Act 21 with brief information: 43. Penalty and compensation for damage to computer, computer system, etc. 43A. Compensation for failure to protect data. 44. Penalty for failure to furnish information, return, etc.	07
Q:6	(a)	Explain CHAPTER IX PENALTIES, COMPENSATION AND ADJUDICATION of the IT Act 21 with brief information: 45. Residuary penalty. 46. Power to adjudicate. 47. Factors to be taken into account by the adjudicating officer.	07
	(b)	Explain CHAPTER III Electronic Governance- Section 4,5,6,7,8,9,10	07
Q:7	(a)	Explain Encryption and Decryption.	07
	(b)	Explain Spyware, Logic Bombs, Rootkit, Backdoors, Keyloggers.	07