

UNIVERSITY OF MUMBAI, DEPARTMENT OF LAW
PG Diploma in Cyber Law and Information Technology

Paper 1- Basics of Computer and Cyber Security

Total Marks:- 100

Total Time:- 3 Hours

Attempt Any Four Questions

All Questions Carry Equal Marks

1. Discuss the History of Computers. What are the major areas of Computer Applications?
2. What is Cyber Security? What are the threats over Social Media?
3. Explain Public Key Infrastructure (PKI) and Cryptography. Why do we use PKI?
4. Explain the different ways a computer are vulnerable to cyber-attacks and How to prevent the Cyber Attacks.
5. What is significance of E-commerce? Elaborate with suitable example
6. What is Cryptography? Explain its use in Mail Security.
7. Write Short Notes (Any Two)
 - a). Internet
 - b). SSL and SET
 - c). Mobile System security.

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University of Mumbai

Department of Law

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Paper II Information Technology Law

Paper - II
Jan - 2024

Attempt any Four Questions

100 marks

All questions carry equal marks.

1. Briefly explain salient features and various authorities under the Information Technology Act, 2000 with recent amendment in India.
2. Discuss significance of UNCITRAL model Law and other international dimensions with respect to Cyber Laws in various countries.
3. Explain the concept of E – commerce; Issues and provisions and its applicability in Indian context.
4. What is meant by 'sensitive personal data or information' in Cyber Law. Discuss the legal perspective for protection of sensitive personal data.
5. Write a brief note on Cyber Space Jurisdiction and various issues involved under Information Technology Act.
6. Discuss the significance of Intellectual Property Rights in the realm of Information Technology Law.
7. Write short notes (any Two)
 - a) Cloud Computing and Law
 - b) Information Technology – Amendments under Indian Penal Code
 - c) Digital / Electronic Signature
 - d) E Taxation issues in Cyberspace
 - e) Cyber Terrorism

Paper III
Jan 2024

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Paper III- Cyber Crime and Investigation Procedures

Total Marks:- 100

Total Time:- 3 Hours

Attempt Any Four Questions
All Questions Carry Equal Marks

1. Digital Forensics is an essential process for detecting Cyber Crimes.
Discuss with examples of tools used in digital forensics.
2. Discuss the current Indian set up for prevention and investigation of cybercrimes in the light of Indian Laws.
3. Elaborate the law relating to cyber defamation and how it is different from the traditional concept of defamation.
4. What are the procedural directions given by Hon'ble Supreme Court of India for initiating telephone, tapping, explain with Indian Case laws.
5. Explain the powers of Police Officer in investigating cyber offences with a special reference to Indian Laws.
6. What is net neutrality and what is India's stand regarding Net Neutrality. Discuss in the light of recent regulations laid out by TRAI regarding prohibiting differential treatment of traffic by Internet Service Providers.
7. Write Short Notes (Any Two)
 - a). Interpol and Europol
 - b). Identity theft and Impersonation
 - c). Phishing and Whishing

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