

**K. J. Somaiya Institute of Technology, Sion, Mumbai-22**  
**(Autonomous College Affiliated to University of Mumbai)**

Nov – Dec 2024-25

( M. Tech.) Program: AI Scheme I/II/IIB/III: II  
 Regular/Supplementary Examination: FY/SY/TY/LY Semester: I/II/III/IV/V/VI/VII/VIII

Date of Exam: 17 January 2025 Duration: 02.5 Hours Max. Marks: 60  
**Course Code:**PCEILC 1056 and **Course Name:** Cyber Security and law

**Instructions:**

- (1)All questions are compulsory.
- (2)Draw neat diagrams wherever applicable.
- (3)Assume suitable data, if necessary.

Q. No.	Question	Max. Marks	CO	BT level
<b>Q 1</b>	<b>Solve any two questions out of three: (05 marks each)</b>	10		
a)	Examine the common HIPAA violations Causes and what are its categories?		CO 1	4
b)	Determine the Categories of password cracking attacks and give examples?		CO2	3
c)	Predict high-Level Threats and Vulnerabilities for mobile use at organizational level.		CO3	4
<b>Q 2</b>	<b>Solve any two questions out of three: (05 marks each)</b>	10		
a)	Illustrate the Bonnets structures used in cyber crimes		CO 2	3
b)	Recommend techniques for Neutralizing Attack Vectors.		CO3	5
c)	Illustrate Proxy servers and Anonymizers.		CO4	3
<b>Q.3</b>	<b>Solve any two questions out of three. (10 marks each)</b>	20		
a)	Illustrate Preservation and retention of information by intermediaries as per IT Act		CO 4	3
b)	Summarize Notable features of the ITAA		CO5	2
c)	Explain why phishing increases during a crisis?		CO6	2
<b>Q.4</b>	<b>Solve any two questions out of three. (10 marks each)</b>	20		
a)	Differentiate between Steganography and cryptography		CO 2	2
b)	Assess Emerging trends of cyber law.		CO4	4
c)	Recommend any four steps for creating Cyber security Awareness.		CO6	5