

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

~~Nov - Dec 2025~~  
**FEB 2026**

(B. Tech) Program: All Branches Scheme II  
Supplementary Examination: TY Semester: VII  
Course Code: 1U1LC7056 and Course Name: Cyber Security & Laws  
Date of Exam: ~~04/12/2025~~ **7/2/26** Duration: 02.5 Hours Max. Marks: 60

**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
Q 1	Solve any <b>two</b> questions out of three: (05 marks each)	10		
a)	Give a classification of Cybercrime and Cyber Criminal.		CO1	U
b)	Explain in detail identity Theft.		CO2	U
c)	Describe four common methods attackers use to install keyloggers on a victim's system.		CO3	U
Q 2	Solve any <b>two</b> questions out of three: (05 marks each)	10		
a)	Discuss the role of trademarks in cyberspace with suitable cases.		CO4	U
b)	Describe preventive measures for avoiding email abuse and phishing attacks.		CO5	U
c)	Illustrate different types of Information security standard compliances and explain SOX Standards.		CO6	U
Q.3	Solve any <b>two</b> questions out of three. (10 marks each)	20		
a)	Evaluate the challenges in detecting passive attacks compared to active attacks. Provide examples and explain how security mechanisms mitigate both types		CO3	U
b)	Explain GLBA and FISMA Information security standard compliances in details		CO6	U
c)	Discuss the social engineering attack lifecycle in detail and explain the different methods of prevention mechanisms.		CO3	U
Q.4	Solve any <b>two</b> questions out of three. (10 marks each)	20		

Seat No.:

