



K. K. Wagh Institute of Engineering Education & Research, Nashik
(An Autonomous Institute From A.Y. 2022-23)

WINTER-2025	
Exam Seat No.:	
Academic Year:2025-2026	Semester:III
Class:SY	Program:B.Tech
Branch Code:ETC	Pattern:2023
Name of Course:Privacy and Security in Online Social Media	Course Code:2302206(A)
Max. Marks:60	Duration:2.30 Hrs.

Instructions: Candidates should read carefully the instructions printed on the Question Paper and on the cover page of the Answer Book, which is provided for their use.

1. This question paper contains 2 pages.
2. Answer to each new question is to be started on a new page.
3. Assume suitable data wherever required, but justify it.
4. Draw the neat labelled diagrams, wherever necessary.
5. The last columns indicates the Course Outcome and level of Blooms Taxonomy of the Question/sub-question.

Marks CO

Question No. 1

- 1a) Write down Tools and techniques for social network analysis (6) CO1

Question No. 2

- 2a) Define Credibility? What are the four types of Credibility? (6) CO2

Question No. 3

- 3a) Analyze the role of geotagging and sentiment analysis in enhancing social media policing techniques (8) CO3

OR

- 3b) Apply real-time crime mapping in a scenario and discuss its role in investigations (8) CO3

- 3c) Explain the role of law enforcement's collaboration with NGOs and other agencies in managing social media-based crises (8) CO3

OR

- 3d) Compare the effectiveness of various surveillance and monitoring techniques used in Online Social Media to detect potential threats and vulnerabilities (8) CO3

Question No. 4

- 4a) Explain Ethical Considerations in Data Sharing on Social Media (8) CO4

OR

- 4b) Explain Benefits & Challenges in Implementing Privacy by Design (8) CO4

- 4c) List the major data protection laws and regulations that apply to social media platforms globally (8) CO4

OR

- 4d) Explain Cybersecurity Risks and Reputation and Social Impact (8) CO4

Question No. 5

5a) **Use specific examples to show how phishing attempts can be spotted on a social media platform.** (8) CO5

OR

5b) **List common characteristics of fraudulent accounts on social media platforms** (8) CO5

5c) **What are the key findings from recent research on phishing detection in OSM?** (8) CO5

OR

5d) **What are the most effective detection methods for identifying phishing in OSM (e.g., content analysis, user behavior tracking, URL blacklisting)?** (8) CO5

..... End of question paper.....