



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

InSem Examination-I Winter2024	
Exam Seat No.:	
Academic Year:2024-2025	Semester:III
Class:SY	Program:B.Tech
Branch Code:ETC	Pattern:20
Name of Course:Privacy and Security in Online Social Media	Course Code:2302206(A)
Max. Marks:30	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 \_\_\_\_\_page(s).
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**

- 1 a) Describe the challenges, opportunities, and pitfalls in online social networks (7) CO1

**Question No. 2**

- 2 a) What is Online Social Networks? Write a short note on following Social Network Analysis Tools: (8) CO1

1) AllegroGraph

2) AutoMap

3) Gephi

4) GraphMatcher

5) NodeXL

6) Graph-tool

7) R

**OR**

- 2 b) What are APIs for data collection? What are the four types of APIs? What are APIs in Postman? (8) CO1

**Question No. 3**

- 3 a) What is the biggest problem in social media nowadays? Explain Future Trends and Challenges in Social Media (7) CO2

**Question No. 4**

- 4 a) Define Credibility? What are the four types of Credibility? Write down 2 examples of Credibility (8) CO2

**OR**

- 4 b) What is data cleaning and pre-processing? Write down 4 tools which are used for data cleaning and preprocessing (8) CO2

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