



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

InSem Examination-II Summer 2025	
Exam Seat No.:	
Academic Year: 2024-2025	Semester: IV
Class: SY	Program: B.Tech
Branch Code: CIV	Pattern: 23
Name of Course: Remote Sensing & GIS	Course Code: 2304216
Max. Marks: 30	Duration: 1.15 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 ONE page.
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 column indicates the Course Outcome and level of Blooms Taxonomy of the Question/sub-question.

Marks CO

Question No. 1

- 1 a) Illustrate with neat sketch EMR interaction with atmosphere. (7) CO1, CO2

Question No. 2

- 2 a) Describe various remote sensing platforms. (8) CO1, CO2

OR

- 2 b) Explain the concept of Flight Planning in aerial photogrammetry. (8) CO1, CO2

Question No. 3

- 3 a) Write a note on various Indian remote sensing satellite programs. (7) CO1, CO3, CO4

Question No. 4

- 4 a) Elaborate the importance and effect of different global satellite programs. (8) CO1, CO3, CO4

OR

- 4 b) Discuss different types of sensors used in remote sensing satellite. (8) CO1, CO3, CO4

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