



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: 2023
Name of Course: Concrete Technology	Course Code: 2304211
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 1 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) Explain hydration of cement with neat sketch? (7) CO1

Question No. 2

- 2 a) Enlist the mineral admixture and explain Fly Ash in detail? (8) CO1

OR

- 2 b) Enlist the mineral admixture and explain GGBFS in detail? (8) CO1

Question No. 3

- 3 a) Enlist the curing methods of concrete and explain any one in detail? (7) CO2

Question No. 4

- 4 a) Describe the shrinkage of concrete? (8) CO2

OR

- 4 b) Explain the tests to be conducted on the hardened concrete? (8) CO2

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