



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

SUMMER-2024	
Exam Seat No.:	
Academic Year:2023-2024	Semester:III
Class:SY	Program:B.Tech Civil Engineering
Branch Code:CIV	Pattern:2022
Name of Course:Architectural Planning and Design	Course Code:CIV222004
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 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.

Question No. 1 Attempt following Question

- 1 Describe Brick masonry and English bond, Flemish bond, Stretcher bond with suitable sketch (6) CO1

Question No. 2 Attempt following Question

- 2 Draw two point perspectives for rectangular block of 2.5cm x 2.5cm x 2.5cm. The block is resting on picture plan at an angle of 60^0 and 30^0 . Consider eye level as 2 m and SP-2 (6) CO2

Question No. 3 Attempt following Question

- 3.a) Enlist the Green building rating systems and describe LEEDS (6) CO3

OR

- 3.b) Explain the Principles of planning with neat sketch (6) CO3

- 3.c) Write the steps to design staircase (5) CO3

OR

- 3.d) What are the fundamental requirements of Public Building building? (5) CO3

- 3.e) Draw the line plan of Primary School. (5) CO3

OR

- 3.f) Draw the line plan of Health care centre. (5) CO3

Question No. 4 Attempt following Question

4.a) Write short note on plastering. (6) CO4

OR

4.b) Write a short note on Light Weight construction. (6) CO4

4.c) Differentiate between one pipe system and two pipe system. (5) CO4

OR

4.d) Write short note on Mivan construction. (5) CO4

4.e) Enlist the various types of pointing and describe V pointing. (5) CO4

OR

4.f) Describe ingredient in paint listed below (5) CO4

1.Base 2.Vehicle 3.Pigment

Question No. 5 Attempt following Question

5.a) Write a short note 7/12 extract (6) CO5

OR

5.b) Explain Real Estate Regulatory Authority (6) CO5

5.c) Write the importance of Development Plan? (5) CO5

OR

5.d) Write short note on Aspect of Land Zoning (5) CO5

5.e) List out the documents required from commencement to completion of building. (5) CO5

OR

5.f) Write a note on TDR with suitable example (5) CO5

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