

ANURAG Engineering College
(An Autonomous Institution)
II B.Tech I Semester Supplementary Examinations, June/July-2024
BUILDING MATERIALS, CONSTRUCTION AND PLANNING
(CIVIL ENGINEERING)

Time: 3 Hours

Max. Marks: 60

Section – A (Short Answer type questions)

(10 Marks)

Answer All Questions

	Course Outcome	B.T Level	Marks
1. Define quarrying of stones.	CO1	L1	1M
2. Write The defects of timber	CO1	L2	1M
3. Discuss about hydration of cement.	CO2	L2	1M
4. State the Chemical admixtures	CO2	L1	1M
5. Point Out the types of foundations.	CO3	L1	1M
6. Describe the acoustics.	CO3	L2	1M
7. Define brick masonry.	CO4	L1	1M
8. Write the types of plastering.	CO4	L2	1M
9. State the classification of buildings.	CO5	L1	1M
10. Write about Building bye laws.	CO5	L2	1M

Section B (Essay Questions)**Answer all questions, each question carries equal marks.**

(5 X 10M = 50M)

11. A) Explain about classification of stones.	CO1	L3	10M
OR			
B) How bricks are manufactured?	CO1	L3	10M
12. A) Write about manufacture of cement by dry-process through flow diagram	CO2	L3	10M
OR			
B) Explain in detail about any two chemical admixtures?	CO2	L3	10M
13. A) What are the functional requirement systems of ventilations?	CO3	L3	10M
OR			
B) Briefly Explain about types of roofs and floors.	CO3	L2	10M
14. A) What are various tests conducted on coarse aggregate and explain them Explain briefly how plastering is carried out for a brick wall.	CO4	L3	10M
OR			
B) Illustrate the types of mortars	CO4	L2	10M
15. A) What are the general principles to consider for building planning?	CO5	L3	10M
OR			
B) Describe the selection of site for construction of a building.	CO5	L3	10M