



Regulation R18

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous, Accredited by NAAC with 'A' Grade)

Subject Code: 2P3AA

B.Tech III Semester Supplementary Examinations, July 2022

Building Materials, Construction & Planning
(Civil Engineering)

Maximum Marks: 70

Date: 29.07.2022 Duration: 3 hours

Part-A

All the following questions carry equal marks

(10x2M = 20 Marks)

1. Mention the classifications of rocks.
2. Distinguish sand and msand.
3. What is meant by Admixture?
4. Define the hydration of cement.
5. What is meant by super structure?
6. What is parapet wall?
7. What is concrete?
8. Mention the types of machine mixing?
9. What are the classifications of building?
10. Define Floor Index Ratio.

Part-B

Answer all the questions.

(10M X 5 = 50Marks)

11. Write about the classification of bricks? [10M]
OR
12. Describe about the manufacturing of bricks? [10M]
13. Name and explain the ingredients function in the cement. [10M]
OR
14. Explain the types of cement. [10M]
15. What is acoustics and what are the sound absorbing materials? [10M]
OR
16. Explain about the objects of foundation, types of foundation and its classification. [10M]
17. Explain about doors, function of door and types of doors. [10M]
OR
18. Write about the principles in bricks masonry construction? [10M]
19. Write about the types of mortar? [10M]
OR
20. Write about principles of building planning? [10M]