



CENTRAL INSTITUTE OF TECHNOLOGY KOKRAJHAR
(Deemed to be university under Ministry of HRD, Govt. of India)
KOKRAJHAR :: BTAD :: ASSAM :: 783370

Department of Civil Engineering
END – SEMESTER EXAMINATION
Module: B. Tech

Session: July – Dec. 2023

Semester: 3rd

Time: 3 Hrs.

Full Marks: 100

Course Code: UCE304

Course Title: Building Materials & Construction

Note: Attempt ANY Five

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1. a) Explain different bonds of the Brick Masonry, and draw diagrams of the same. 10
b) Write about the classification bricks and characteristics of good bricks. 10
 2. a) What are the types of plastic and advantages of it. Explain how plastics are used in the Construction Industry. 10
b) Write about different types of walls and their uses in the construction. 10
 3. a) Discuss classification of buildings as per National Building Code (NBC) 10
b) How steel is classified and how it is used in the Construction Industry. 10
 4. a) What is workability and mention factors affecting the workability. 10
b) Write about different types of walls and their uses in the construction. 10
 5. List the classification of Timber according to IS 399 and also mention the characteristics of a good timber. Why seasoning of timber is done. 20
 6. Write shorts notes: 20
a) Water Proofing Materials b) Pointing c) Damp Proofing d) Sealents
