Course Code: 1940115 Roll No: MLRS- R19



MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MAI

INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(AN AUTONOMOUS INSTITUTION)
(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)

Accredited by NBA and NAAC with 'A' Grade & Recognized Under Section2(f) & 12(B)of the UGC act,1956

II B.Tech II Sem Regular End Examination, July 2021 **BUILDING MATERIALS, CONSTRUCTION AND PLANNING**(CIVIL)

Time: 3 Hours. Max. Marks: 70

Note: 1. Answer any FIVE questions.

2. Each question carries 14 marks and may have a, b as sub questions.

1	a)	Write the properties of Building stone.	7M	CO1	BL1
	b)	Explain reinforced Glass Brick.	7M	CO1	BL4
2	a)	What are the alternate materials for Timber.	7M	CO1	BL1
	b)	Write the precautions to be taken before blasting.	7M	CO1	BL1
3	a)	List out various chemical admixtures.	7M	CO2	BL1
	b)	Write any two laboratory tests on cement.	7M	CO2	BL1
4	a)	Explain the process of cement hydration.	7M	CO2	BL4
	b)	Explain various types of Roofs.	7M	CO3	BL4
5	a)	What is the material used in Mozaic floor.	7M	CO3	BL1
	b)	Draw the figure to depict dog-legged stair case. Give the standard specifications of stair rise and tread.	7M	CO3	BL2
6	a)	Differentiate Lime and Brick mortar.	7M	CO4	BL2
	b)	Draw the image of English bond.	7M	CO4	BL2
7	a)	What is the significance of form work.	7M	CO4	BL1
	b)	What the code used for Building regulations. Explain its significance.	7M	CO5	BL1
8	a)	Write the need of building planning.	7M	CO5	BL1
	b)	Explain the classification of buildings.	7M	CO5	BL4