SNS College of Technology, Coimbatore- 35
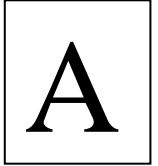**(Autonomous)**
B.E/B. Tech – Internal Assessment Examination I
Academic Year 2023-2024(Odd)
III Semester
19CET202 – Construction Techniques, Equipment
& Practices

A

Time: 1¹ᐟ² Hours   **Maximum Marks: 50**

Answer All Questions

	PART – A (5X2 = 10)		CO	Blooms
1.	If a customer asks for building a residential building of G + 1, as an Engineer what will be your suggestion whether Load bearing Structure or a Framed Structure? Give Justification.	2	CO 1	App
2.	In brief, Explain the load transfer mechanism of Framed Structure.	2	CO 1	Und
3.	Explain the process of site marking.	2	CO 1	App
4.	Differentiate Brick Masonry and Stone Masonry	2	CO 2	Rem
5	Explain the process of Slip-forming	2	CO 2	App

PART B — (2 x 13 = 26 Marks)

6	(a)	Differentiate Framed Structure and Load bearing Structure with a neat diagram	13	CO 1	Und
		(or)			
	(b)	List the various type of foundations with a neat sketch	13	CO 1	Und
7	(a)	Explain the sequence of operations in construction with an example	13	CO 1	Und
		(or)			
	(b)	Explain the various type of Stone Masonry with a neat diagram	13	CO 2	Und

PART C — (1 x 14 = 14 Marks)

8	(a)	Draw the line sketch of a residential building with dimension	14	CO 1	Und
		(or)			
	(b)	List down the types of Joints in concrete with examples	14	CO 2	Und

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Rem – Remembering, Und- Understanding, App – Apply, Ana – Analyzing, Eva – Evaluate, Cre - Creating

Prepared By   **Verified By**   **HoD**