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BE - SEMESTER- III EXAMINATION - SUMMER 2020			
Subj	Subject Code: 3130607 Date:28/10/		
Subi	ect N	Name: Building Construction Technology	
Time: 02:30 PM TO 05:00 PM Total Marks: 7			
Instru			10.70
		Attempt all questions.	
		Make suitable assumptions wherever necessary.	
	3.	Figures to the right indicate full marks.	
Q.1	(a)	Give names of various methods of demolition of structures.	03
Q.1		Explain friction pile with neat sketch.	03
	(c)	•	07
	(0)	Differentiate between stone masomy and offer masomy.	07
Q.2	(a)	Explain combined footing with neat sketch.	03
	(b)	Discuss about pile cap and pile shoes.	04
	(c)	Enumerate various methods of soil exploration and discuss any one	07
		with neat sketches.	
		OR	
	(c)	·	07
0.2	()	method.	0.2
Q.3		Explain English bond with its use.	03
		Which are the remedial measures to prevent caisson diseases?	04 07
	(c)	Differentiate between stone masonry and brick masonry. OR	U7
Q.3	(a)	Define Intrados, Rise and Springer in connection with arch.	03
	(b)	v	04
	(c)	Enumerate various types of cement and discuss about sulphate	07
		resistance cement.	
Q.4	(a)	Draw form work for RCC footing with nomenclature.	03
	(b)	_	04
	(c)	Write short notes on Glazed door and Flush door.	07
		OR	
Q.4	(a)	<u> </u>	03
	(b)	· · · · · · · · · · · · · · · · · · ·	04
	(c)	Explain dog legged stair, Open well stair and bifurcated stair with its	07
		suitability.	
Q.5	(a)	What is cofferdam? What is its use?	03
~	(b)		04
	(c)	Discuss various causes of fire and its precautionary measures.	07
	(-)	OR	-
Q.5	(a)	Explain rating system of green building used in India and Globally.	03
	(b)	Which factors are considered for deciding the method of demolition?	04

Discuss and explain with proper figure single and double flying shore.

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