CBSGS	80 Marks	3 Hours	
N. B. 1. Ques	stion no. 1 compulsory.		
2. Ans	wer any three questions out of remaining		
3. Ass	ume any data, if required and state them clearly		
4. Atte	empt sub questions in order		
5. Illus	strate answer with neat sketches wherever requir	ed	
6. Figu	ares to the right indicate full marks.		
4 D'CC		1001	
	e between (any four):-	[20]	
-	Bearing and Frame Structure		
	ed and Combine footing		
	ring and Pointing		
	Proofing and Water Proofing		
e) Paints	and Varnishes.		
2. a) Explain	n the terms.		
i) Blisteri			[6]
	n manufacturing process of clay bricks		[10]
	ne sectional details of $2^{1/2}$ wall constructed in Si		[4]
	·		_
3. (a) List out	the various types of glasses and state their prope	rties and uses in	
construc	etion.		[7]
(b)Write the	e properties of hydraulic lime		[5]
(c) Enumer	ate (any ten) ferrous and non ferrous metals and	alloys used	
in consti	ruction. Explain the use of aluminium and steel a	as construction materials.	[08
4 () 3 ()	6 1.11	1	
` ',	experiments performed in laboratory on brick a	•	r <i>7</i> 1
	ent (either of tile or of cement) in detail.		[7]
	form-work? What are the requirements of ideal f		[5]
	seasoning of timber? Explain the defects in timber		101
natural	forces with neat sketches		[8]
5 (a) Skatal	n the cross-section of King post roof truss and na	ome the various members in it	161
	n the field tests to find the quality of any two con		[6] [6]
	e sound insulation. What is the unit of measurem		Įυ
defect			[8]
defect	3.		լսյ
6. (a) Sketch	the cross-sections and elevations of:		[8]
* * * * * * * * * * * * * * * * * * * *	Iasons scaffolding (ii) Un-coursed Random	Rubble Masonry.	. ,='}
	short notes on		[12]
	nti corrosive treatment.		
	entilation		
	ooring materials.		
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