

RM-6051]

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B. Arch. I (Sem. I) Examination May / June - 2010

Building Material & Const. Technology - I

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Time: 3 Hours]		[Total Marks: 100
Instructions:		
(1)		
คีฟ		3.
(3) Neat sketch	es will carry more credertials	3.
i Dance halls ii orphanages iii Prisons iv Chawls v Barns B. Classify the i Granite ii LImestone iii Basalt iv Kankar v Quartzite	following into different type of buil	entary and metamorphic 5
1 B Answer the	following	10
	eria for designing the bearing of the li	
	ize of traditional brick is	
c Quick lime is	s Also known as	
Define		
i. ii. iii. iv. v.	Extrados Span Adulterant Abutment Foliated rocks	
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	d e	}		various loads acting upon a building Ahmadabad is	
2		iscuss Isolated piers in English as well Double Flemish bond. Draw neat setches			
3	a			various types of construction systems and discuss in detail the followed in your city?	10
	b	,	or Write va	r arious varities of cement available and discuss high alumina cemen	at
4 5	a c c c e f	i o d d Enl	Explain Random Rubble Masonary. Write a note on Raking Bond What are Substructure and super Structure. Describe components of substructure and super structure. Intermittent Kiln and Continuous Kiln. Write note on Stretcher bond Enlist Classification of arches and explain in detail classification based on		20
6		a Explain the role of foundation in transferring the load of the superstructur Explain various types of combined footing or			
	I	b	Discuss	s quality of good building stone	
7	,	An	a b c d e f	Isolated Footing Distinguish between arch and lintel, how does flat stone arch differom stone lintel Discuss various uses of stone. Discuss Quick Lime. Write a short note on Aggregates. Compare Brickwork and Stonework.	20