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SEMESTER END EXAMINATION BOARD, PUNE B.Tech. (Agril. Engg.)						
	ry (Old)	Term	Engg	.)		
/1	rse No. : 2 (1+1)		: 11	Academ	ic Year : 2017-18	
col		Title	: B	uilding Materials		
Cre	dits Saturday, 05.05.2018 & Date Solve ANY FIGHT	Time	: 14	.00 to 16.00	Total Marks : 40	
Credits Credits Saturday, 05.05.2018 Time: 14.00 to 16.00 Total Marks: 40 Note: 2. All questions from SECTION "A". All questions garms are compulsory.						
3 All questions carry equal marks						
4. Draw neat diagrams wherever necessary.						
SECTION "A"						
a) What are the properties of a good building stone?						
Q.1	What is the purpose of blasting and what are the explosive materials required in the process of blasting?					
	a) What are the characteristics of good bricks?					
Q.2	What is frog? State its importance in clay bricks? a) What are the purposes of laboratory testing of cement? What are the precautions to be taken for the storage of cement?					
Q.3						
	What is mortar? Briefly describe the various types of mortar.					
Q.4	Describe the process of making cement mortar.					
	a) Define and explain workability of concrete.					
Q.5	b) What is curing? What is its significance?					
	a) How are tiles manufactured?					
Q.6	b) What are the characteristics of a good tile?					
	a) Enumerate the various defects in timber.					
0.7 a) Enumerate as by Seasoning of timber? What are its objects?						
	a) What are the applications of plastics?					
Q.8	a) What are the approaches of places. b) How are the plastics classified?					
	Describe the properties and use of rubber.					
Q.9	b) What are the different forms of rubber?					
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Q.10	b) What are the constituents of plastics?					
	b) What are the constituents of	SECTION	v "B"			
0.11	Fill in the blanks.	phe 110.	. –			
Q.11	1) The metural stones are obtain	ined from		_ quarry.	·	
	2) The brick should not absor	b water more	than _	per ce	ent by weight for first	
	class bricks. 3) The ratio of the amount of water to the amount of cement by weight is termed as					
	4) The innermost center portion or core of the tree is called					
Q.12	State True or False.					
	1) The first class bricks are table- moulded and standard shape.					
	2) The houses with timber construction are found to be hot in summer.					
	3) The plastics are used to carry chemicals.					
	4) The ordinary cement is mor	e costly than	white	cement.		
	, - 110 Ordinary Comment 12 2224			A		