## SEMESTER END EXAMINATION BOARD, PUNE SEMESTER END EXAMINATION

			IV (New)	Cii. (Agrii.	. Er	Jē	ξg.)
Semeste	r	:	FS 242	Term	:		II Academic Year : 2013-14
		:	2 (1+1)	Title	:		Building Materials
Credits	nate	:	Monday, 05.05.2014	Time			14.00 to 16.00
20 V OF 2	ote:	1.	Solve ANY EIGHT ques	tions from	CE		14.00 to 16.00 Total Marks : 40
N	0.0	2.	Will decarious Holli SEC.	1()N "R"	are	C	compulsory.
		3. 4.	. An questions carry equal	marke			
a motover necessary.							
SECTION "A"							
<ul> <li>a) What are the properties of a good building stone?</li> <li>b) Define quarrying of stone and explain any one method in detail.</li> </ul>						one?	
		What are the constituents of good brick earth?					
	b) Enlist and explain in short the operations involved in manufacturing of bricks.						
Q.3			t are the cement ingredien				
		b) Explain in brief the setting action of cement.					
Q.4			t are the functions of sand	in mortar	?		
	b) W	/ha	at are the uses of mortar?				
Q.5	-	a) What are the important properties of cement concrete?					
	b) V	Vri	te in detail about the effect	t of water-	ce	n	nent ratio in cement concrete.
Q.6			cribe the various types of				
	•	-	plain in brief the process of				
Q.7			at are qualities of a good ti				
	,		at are the different market				
Q.8	•		cuss in brief the classificat		stic	S	<b>5.</b>
	,		nat are the different uses of				
Q.9			list the properties of rubber				
			plain in short the process o				
Q.10	<b>a)</b> ]	De	fine workability. What are	the factor	s a	ff	fecting workability of concrete?
	b)	De	fine curing. What are the o				
				SECTION	NÇ	6	<b>B</b> "
Q.11			the blanks.		- , .		
			psum is an example of				
			e in excess n				
							he tree is called the
	4)	Αį	good brick earth should co	ontain 20 1	to 3	30	0 per cent of
Q.12			True or False.	1	-		
			ickwork is stronger than s				
	2)	Th	e molten or pasty rocky n	naterial is	kn	0	wn as the magma.
	3)	Na	tural rubber is obtained for	orm latex	or	a	viscous milky juice tapped from rubber
	1	ree	es.				
-	4)	Th	e ordinary cement achiev	es 90 per	cer	nt	t strength in 28 days.