VIAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE

	SEMESTER END EXAMINATION					
S	emester		B.Tech. (Agril. F	ingg.)		
Course No.		: IV (New) : FS 242	Term		cademic Year : 2014-15	
Credits		2 (1) 1)	Title	: Building Mat	Materiais	
	Day & Date	: Saturday, 16.05.201	5 Time	: 14.00 to 16.00	Total Marks : 40	
1	Note:	 All questions from All questions carry 	T questions from S. SECTION "B" are equal marks.	compulsory.		
			SECTION "			
Q	.1 a) Ho	w are rocks physically				
		hat are the various uses		45011104.		
Q.	•	nat are the characteristi				
		nat are the harmful ing	_	arth?		
Q.	a) Wha	at are the important pr	operties of cemen	ıt?		
b) Draw the flow diagram for mixing of raw materials by dry process and wet						
	pro	cess for the manufacti	ire of ordinary ce	ment.		
Q.4	a) Wha	at is meant by bulking	of sand? Explain	it.		
	b) State	e the functions of san	d in mortar.			
Q.5	a) Defi	ine cement concrete a	nd mention its pro	perties.		
	b) Wha	at is meant by proport	ioning of concret	e?		
Q.6	a) Expl	lain what is meant by	felling of trees.			
		e and explain the mar	_	er.		
Q.7	a) Wha	t are the different pro	perties of plastic	s?		
Q.8	Mention different properties of rubber and uses of rubber.					
Q.9	Q.9 What are the precautions which are to be taken for the storage of cement?					
Q.10	Describ	e the methods of qua	rrying with hand	tools and cha	anneling machines.	
			SECTION			
Q.11	Fill in th	he blanks.				
Q.11			substance havin	g definite che	emical composition and	
		cular structure.				
2) The may be defined as thin slabs of brick which are burnt in kiln.						
	3) The or	rdinary cement cont	ains two basic in	ngredients na	mely, argillaceous and	
		nortars having bulk of				
		weight mortars.				
×		4				
Q.12		ne following terms.		2) Oand-14!-	o adla	
1) Workability				2) Conductive cells		
	3) Puggin	ng ·		4) Magma		