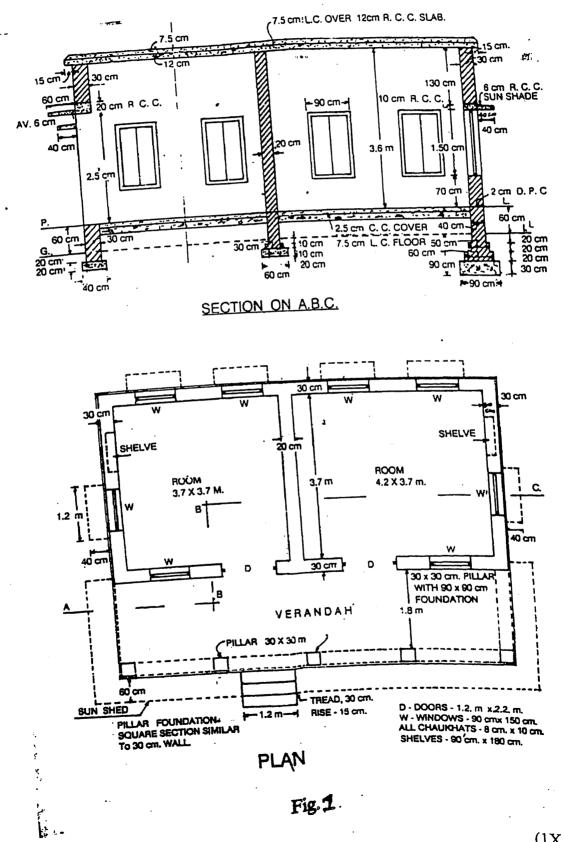
## KERALA AGRICULTURAL UNIVERSITY

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B.Tech (Agrl.Engg) Degree Programme 2015 Admission Und Semester-Final Examination- June/July-2016

Cat. No: Iden.1202 <u>Title:Building Technology (1+1)</u> I. Fill up the blanks		Marks: 50	
		Time : 2 hours (10 x 1=10)	
	Rocks formed by cooling and solidification of magma are called		
2		• ற;	
- 3			
4			
5.		ion homogeneity of	
	the concrete mix is termed	ion nomogeneity of	
6.			
7.		es place, are said to	
	have the property of		
8.			
	The plain through which the stone can be easily cut is called		
	). The impression on the top of bricks is called		
	nswer the following any FIVE	(5 x 2=10)	
1.			
2.	What are the ingredients of concrete?.		
3.	State the uses of cement mortar.		
<b>`</b> 4.	What are the different materials used for roofing?		
5.	What is the purpose of valuation?		
6.	What are the factors affecting rate of an item?		
7.	What are the basic parts of a floor?		
· III.	Write short notes on ANY FIVE of the following	(5x 4=20)	
1.	Discuss the important tests for bricks.		
2.	How will you determine strength of cement?		
3.	What is the importance of w/c ratio in concrete?		
4.	Distinguish between softwoods and hardwoods.		
5.	Discuss different types of lintels.		
6.	Discuss different types of stairs.		
7.	Discuss Jack Arch Floor with a sketch.		
(V. W	rite essay on ANY ONE of the following	(1 x 10=10)	
1.	Explain with sketches the different types of stone masonry.		

- 2. Calculate the following quantities from the figure shown below.
  - a. PCC for bed concreting
    - b. RCC work for lintels and shades.



(1X10=10)