

SATHYABAMA UNIVERSITY

(Established under section 3 of UGC Act,1956)

Course & Branch :B.Arch - ARCH	Max. Marks :50
Title of the Paper :** Building Materials and Construction - II	
Sub. Code :621205	Time : 3 Hours
Date :19/05/2010	Session :FN

(5 x 4 = 20)

PART – A
Answer All the Questions

1. Define and discuss about the composite masonry with sketches.
2. List out the various types of brick arches with sketches.
3. What are the uses of hollow clay blocks?
4. Write short notes on rural materials used in building construction.
5. Discuss about the new construction materials for economic building construction.

(3 x 10 = 30)

PART – B
Answer All the Questions

6. Explain the brick manufacturing process with sketches.
(or)
7. Describe the different types of bonds used in brick masonry work.
8. Draw a neat sketch of brick arch construction in a public building and write down the important points to be considered at the time of construction.
(or)
9. Describe the properties of good quality tiles.

10. Draw a neat sketch for a hospital building constructed by using hollow clay blocks.
- (or)
11. Write the advantages of using rural materials such as Bamboo, Palm and coconut.