

SATHYABAMA UNIVERSITY

(Established under section 3 of UGC Act,1956)

Course & Branch :B.Arch - ARCH Max. Marks :50
Title of the Paper :** Building Materials & Construction - I
Sub. Code :621105 Time : 3 Hours
Date :20/05/2010 Session :FN

PART – A (5 x 4 = 20)

Answer ALL the Questions

1. List down the various aspects of building types as per NBC.
2. Write short notes on the super structure of the building.
3. Give the various soil classifications.
4. What are the different types of foundation?
5. Explain the different types of stone arches.

PART – B (3 x 10 = 30)

Answer ALL the Questions

6. Explain in detail the different types of buildings in NBC.
(or)
7. Sketch the section of a typical wall and list down its parts.
8. Explain the structural, aesthetic components and function of superstructure.
(or)
9. Explain the different types of foundations in detail with sketches.
10. Sketch the different types of stone masonry and stone arches.
(or)

11. Explain the properties and functions of stone as building material.