Mahatma Education Society's
PILLAIS' COLLEGE OF ARCHITECTURE
Sector-16, Plot No.10, New Panvel – 410 206

S.Y.B.ARCH. ANNUAL EXAMINATION – APRIL-2011
SUBJECT : ARCHITECTURAL BUILDING CONSTRUCTION

DATE :8/4/2011   HOURS:3   MARKS:100

Section -- A   **B.TECH.**   **70-Marks**

Draw (any THREE) relevant details to explain the different components of a hall of size 9mx15mx4.5m.
(door,window,staircase,cavitywall,flooring,roof,partition,suspended ceiling)

Select suitable scale and draw plan/elevation/section/details as required to explain the element.

Drawings should have proper dimensions of the members and labeling done on it.

Section – B   **B.MAT.**   **30-Marks**

Note: Solve any **THREE** questions.
All questions carry equal marks.
Please illustrate wherever required.

Q.1. Answer any two (2) of the following;
a. Explain Marble and Limestone as a floor finishing material.
b. Explain different types of roofing materials.
c. Explain Veneers and Laminates.

Q.2. a. Explain in detail Mangalore Tile as a roofing material with diagram showing its placement.
b. What are Paints? Explain its various ingredients.

Q.3. Give Brief answers to the following:
a. Classification of timber and its market forms.
b. Advantages and Disadvantages of using timber as a building material.
c. Seasoning of Timber.

Q.4. Short notes based on compositions, types and application methods (any2)
a. Oil Paints.
b. Polish on Wood.
c. Anodizing Aluminum- Window extrusions.