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## **MVCT-105**

**M. E./M. Tech. (First Semester)**

**EXAMINATION, Feb./March, 2009**

**(Construction Technology & Management)**

**LOW COST BUILDING MATERIALS AND  
CONSTRUCTION TECHNIQUES**

**(MVCT – 105)**

*Time : Three Hours*

*Maximum Marks : 100*

*Minimum Pass Marks : 40*

**Note :** Attempt any five questions. All questions carry equal marks.

1. What do you mean by low cost materials ? Explain any five low cost materials.
2. Discuss in detail the appropriate building materials.
3. Explain the construction method of L-Panel roof with neat sketches and reinforcement details of L-Panel.
4. Explain the production process of M. C. R. tiles with neat sketches.
5. Discuss the ferrocement components (min. 5 components).
6. Explain with sketches the low cost rural roads.
7. Explain low cost sanitation for rural and urban areas.
8. Compare the cost of conventional and experiment building materials and construction techniques.