

**MVCT/MBCT/MVCP-105****M.E./M.Tech. I Semester**

Examination, June 2017

**Low Cost Building Materials and  
Construction Techniques***Time : Three Hours**Maximum Marks : 70*

- Note:** i) Attempt any five questions.  
ii) All questions carry equal marks.

1. What do you mean by low cost materials? Explain in brief any five low cost materials.
2. Explain with neat sketches the construction method and reinforcement details of L-panel.
3. Explain with neat sketches the production process of M.C.R. tiles.
4. Explain low cost sanitation techniques for rural and urban areas.
5. Compare the cost and construction techniques of conventional and experimental buildings using low cost materials.
6. Explain with sketches construction of low cost rural roads.

7. Explain with neat sketch the production of solid concrete blocks.

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8. Discuss following types of roofs:
  - a) Precast Funicular shells
  - b) Improved country tiles

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