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Roll No

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MVCT/MBCT/MVCP - 105

M.E./M.Tech., I Semester

Examination, June 2014

**Low Cost Building Material And Construction
Techniques**

Time : Three Hours

Maximum Marks : 70

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

1. Discuss on present scenario of low Cost Building Materials and Construction Techniques in our country. 14
2. Write physical chemical and Mechanical Properties of soil, fly Ash, Fibers and Bitumen. 14
3. Explain Manufacturing Process of Precast R.C.C. Plank and Joint roofing System. 14
4. Discuss with neat sketches on Rat Trap bond Masonry work. 14
5. Write short note on: 14
 - i) Concrete block Making Machine.
 - ii) Brick Moulding Machine

6. Explain with neat cross section of low cost roads. 14
7. Explain any two Methods of low cost sanitation with sketches. 14
8. Discuss on various parameters which are used for cost analysis and comparison of low cost Materials and Techniques. 14

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