

MVCT/MBCT/MVCP-102**M.E./M.Tech., I Semester****Examination, December 2013****Construction Materials****Time : Three Hours****Maximum Marks : 70**

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

1. a) Explain different effects of materials in construction.
b) What is meant by Standardization of materials?
2. Explain various properties of fresh and hardened concrete.
3. What are various Special concretes being used in construction?
Explain each.
4. Write short note on
a) Composite Material
b) Ferroconcrete
5. Explain principle of statistical quality control with examples.
6. a) Give Procedures of testing of construction materials.
b) Process Quality Control.

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7. Write short note on:
a) Significance of Fire Resistance
b) Corrosion and Oxidation
8. What are various additives and admixtures used in concrete.
