

Code :9A01305

R9

II B.Tech I Semester(R09) Supplementary Examinations, May 2011
BUILDING MATERIALS & CONSTRUCTION
(Civil Engineering)

Time: 3 hours

Max Marks: 70

Answer any FIVE questions
All questions carry equal marks

1. (a) Write about dressing of stone.
(b) What are the precautions to be taken while dressing a stone? Explain.
2. (a) Explain what is meant by the terms ceramics and clay.
(b) What are the characteristics of a good tile?
3. Write on the following:
 - (a) Vicat apparatus
 - (b) Le-chatlier apparatus
4. (a) Distinguish between mild steel and hard steel.
(b) Differentiate between exogenous trees and endogenous trees.
5. (a) Discuss the comparative merits of various types of building units used for masonry.
(b) Define the following terms; Header, Stretcher, Quoin closer.
6. Explain various types of foundations used for building with neat sketches.
7. (a) Classify various types of lintels and discuss their relative use.
(b) Distinguish clearly between a lintel and an arch.
8. (a) Explain various causes of dampness in buildings.
(b) What are ill effects of dampness in buildings?
