

Code: CE3T2

II B.Tech - I Semester – Regular Examinations - December 2014

**BUILDING MATERIALS AND CONSTRUCTION
(CIVIL ENGINEERING)**

Duration: 3 hours

Marks: 5x14=70

Answer any FIVE questions. All questions carry equal marks

1. a) Explain about quarrying of stones. 7 M
b) Explain about dressing of stones. 7 M
2. a) Write about harmful substances in brick earth. 7 M
b) Write about classification of bricks. 7 M
3. a) Write about defects in timber. 7 M
b) Write about Seasoning of timber. 7 M
4. a) Write about varnishing. 7 M
b) What are the requirements of sound effects in the aspect of 'acoustics of building'. 7 M

5. a) Explain about raft foundations. 7 M
- b) Explain about rubble stone masonry. 7 M
6. a) Write about Flemish bond. 7 M
- b) Write about hollow clay blocks. 7 M
7. a) Explain methods of preventing dampness. 7 M
- b) Explain about terrazzo flooring. 7 M
8. a) Explain about types of shoring. 7 M
- b) Explain about centering. 7 M