

Code: ME5T6FE4, EM5T6FE5

III B.Tech - I Semester – Regular Examinations - November 2015

BUILDING MATERIALS & CONSTRUCTION
(Common to ME, ECM)

Duration: 3 hours

Max. Marks: 70

Answer any FIVE questions. All questions carry equal marks

- 1 a) Discuss Geological, physical and chemical classification of rocks. 7 M
- b) What are the factors affecting the strength of bricks. 7 M
- 2 a) Write the constituents and classification of lime. 7 M
- b) What are the defects and qualities of Timber? 7 M
- 3 a) Write the Manufacture procedure of steel and also write the uses. 7 M
- b) Write short notes on Paints and varnishes. 7 M
- 4 a) Explain in brief about Acoustics of building . 7 M
- b) What do you understand the terms Dampness and Damp Proofing? Explain in brief. 7 M

- 5 Write the all important factors affecting for selection of foundations for a building. 14 M
- 6 a) Write the terminology used in Brick masonry . 7 M
- b) Write the classification of Stone masonry. 7 M
- 7 Explain the technical terms and types of Floors. 14 M
- 8 Write short notes on scaffolding and shoring. 14 M