

Code No: R21012

**R10****SET - 1**

**II B. Tech I Semester Supplementary Examinations, Dec - 2015**  
**CONSTRUCTION MATERIALS AND MANAGEMENT**  
(Civil Engineering)

Time: 3 hours

Max. Marks: 75

Answer any **FIVE** Questions  
All Questions carry **Equal** Marks

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1. a) Explain the various tests to be conducted on stones to determine their suitability.  
b) What are the various agencies which tend to reduce the life of a building stone?
2. Explain in detail the causes of decay of wood work and their preservation.
3. Describe the dry and wet process of manufacture of cement with flow diagram.
4. a) Explain about Form work and scaffolding  
b) Explain about Proofing Damp and water proofing
5. What is grading of aggregates? How does it affect the properties of concrete?
6. Briefly explain the functions, applications and tests of geocomposites?
7. Explain the difference between PERT and CPM?
8. What are different elements present in PERT network and explain with an example?