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Question Bank for all

Code No: R1621014 **R16** SET - 1

II B. Tech I Semester Supplementary Examinations, May - 2018
BUILDING MATERIALS AND CONSTRUCTION
(Civil Engineering)

Time: 3 hours Max. Marks: 70

Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B)**
2. Answer **ALL** the question in **Part-A**
3. Answer any **FOUR** Questions from **Part-B**

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PART –A

1. a) Write the Characteristics of good tile
   b) Write the Defects in timber
   c) What are the various tests for concrete
   d) Discuss about Trussed roofs
   e) Write the purpose of Scaffoldings
   f) Write the purpose of Sieve analysis

PART -B

2. a) Explain in detail manufacturing methods of Tiles?
   b) Discuss the comparative merits of various types of building units used for masonry.
3. a) Define the following terms; Header, Stretcher, Quoin closer.
   b) Write short notes on : i) Alternative materials for wood ii) Tests on cement
4. a) Explain the importance of Madras Terrace and Pre fabricated roofs
   b) Draw Coupled Roof
5. Draw King post Trusses and label parts
6. a) What is the purpose of a scaffolding?
   b) Differentiate between plastering and pointing.
7. a) Explain about Bond and Strength of aggregate
   b) Write the tests on aggregates

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