

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST-1, February 2016

B.Tech. (Civil) 2nd Semester

Course Code: 11B11CE211

MAX. MARKS: 15

COURSE NAME: Building Materials and Construction

MAX. TIME: 1 HR.

COURSE CREDITS: 04

NOTE: All questions are compulsory. Marks are indicated against questions. Carrying of mobile phone is strictly prohibited and will be treated as a case of unfair means.

1. Explain various phases of brick manufacturing in detail. [3]
2. Give typical percentages of ingredients' composition in bricks stating the function of each ingredient. [4]
3. Explain wedging and blasting methods used for stone quarrying. Discuss the precautions to be taken while blasting stones. [4]
4. What are the different types of defects in timber? Explain with the help of suitable diagrams. How do these defects affect the quality of timber? [4]

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