

Code No: R1621014

**R16****SET - 1**

**II B. Tech I Semester Supplementary Examinations, May - 2019**  
**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) What are the types of tiles
- b) What are the various types of woods
- c) Write the Chemical Composition of Portland cement
- d) Draw Lintels
- e) Write about different types of paints
- f) Discuss about Bulking of sand

**PART -B**

2. a) Explain about materials Gypsum and Glass
- b) Explain about the dressing of stones? Draw the sketches of stones neatly
3. a) Discuss about Cavity and partition walls
- b) Write about Fiber Reinforced Plastics
4. a) What is Lime and what are the various ingredients of lime?
- b) Explain the methods in manufacturing of lime explain two methods?
5. a) What are the different types of roofs explain any two?
- b) Explain about Colar Roof wih sketch
6. Write short notes on  
i) Scaffoldings      ii) Form work    iii). Old wood painting      iv).Varnish
7. Explain different methods of measurement of moisture content of aggretes

