

Total No. of Questions – [4]

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G.R. No.	
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Paper Code – U218 -116 (T2)

OCTOBER 2018/ IN-SEM (T2)
S. Y. B. TECH. (Civil) (SEMESTER - I)

COURSE NAME: BUILDING MATERIALS AND CONSTRUCTION

COURSE CODE: CVUA21176

(PATTERN 2017)

Time: [1 Hour]

[Max. Marks: 30]

(*) Instructions to candidates:

- 1) Answer Q.1 OR Q.2 and Q.3 OR Q.4.
- 2) Figures to the right indicate full marks.
- 3) Use of scientific calculator is allowed
- 4) Use suitable data where ever required

- Q.1) a) State any four flooring materials. State advantages of each. [6 marks]
b) Draw a neat labeled sketch of pitched roof. [6 marks]
c) Enlist any four types of flooring materials with their application. [4 marks]

OR

- Q.2) a) Explain Long strip method of floor construction [6 marks]
b) Draw a neat labeled sketch of queen post truss. [6 marks]
c) State three circumstances when the following will be used:
i) Pitched roof ii) Flat roof iii) dome iv) shell roof. [4 marks]

- Q.3) a) Define door. Draw a neat labeled sketch of paneled door. [6 marks]
b) Enlist different types of windows and explain any one in detail. [4 marks]
c) Write a short note on location of doors and windows [4 marks]

OR

- Q.4) a) Enlist with figures different types of hinges used in residential building. [6 marks]
b) Enlist different types of doors and explain any one in detail. [4 marks]
c) Draw a dormer window and bay window [4 marks]