

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -3 EXAMINATION

B.Tech. IIIrd Semester

COURSE CODE: 18B11CE313

MAX. MARKS:35

COURSE NAME: BUILDING MATERIALS & CONSTRUCTION

COURSE CREDITS: 03

MAX. TIME: 2 Hours

Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.

- Q.1
- Write points to be considered in selection of stone for stone masonry work. Write classification of stone masonry. (2 marks)
 - Draw the neat and clean figure of English and Flemish bond. (2 marks)
 - Write any five principles of building planning. Explain any two. (3 marks)
- Q.2
- Write the causes and effects of dampness. Write short note on Block masonry. (3 marks)
 - What is scaffolding? What are its different types? Explain any one with figure. (3 marks)
 - Write building classification based on structure. (2 marks)
- Q.3
- Write factors affecting choice of floor covering. (1 marks)
 - Write functions of mortar. What are the main causes of foundation failures? Explain any one. (3 marks)
 - Write classification of mortar based on binding material. Explain any two in detail. (3 marks)
- Q.4
- What is the classification of termites? Write methods of anti-termite treatment. (2 marks)
 - What are the indirect methods of soil investigation? Write short notes on High alumina cement. (3 marks)
 - Define artificial seasoning. Write short notes on plywood. (2 marks)
- Q.5
- Define Bull-nose step and Winders. (1 marks)
 - Write classification of bricks in detail. (2 marks)
 - Write selection criteria for quarrying site. Write short notes on dressing of stone. (3 marks)
