

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST-3 EXAMINATION- DECEMBER -2018

M.Tech I Semester

COURSE CODE: 10M11CE111

MAX. MARKS: 35

COURSE NAME: CONSTRUCTION TECHNIQUES

COURSE CREDITS: 03

MAX. TIME: 2 HR

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

1. Discuss the various types of steel building construction in brief. What are the advantages and disadvantages of steel construction? Also give an overview of the erection procedure of steel construction. **[10]**
2. Discuss the various functions of 'Curtain walls' in buildings. Describe the various systems of installation of curtain walls. **[6]**
3. Explain the 'modular construction' with its significance and advantages. Discuss the different types of modules adopted in construction practice. **[9]**
4. Elucidate the purposes and benefits of building insulation? Briefly explain any four methods of insulation of a building. **[5]**
5. Write a descriptive note on 'Terracotta tile flooring'. **[5]**

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