

Law Singh

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

SUMMER SEMESTER EXAMINATION -2016 TEST-2

M.Tech 4th Semester [2nd Year]

COURSE CODE: 10M13CE334

MAX. MARKS: 50

COURSE NAME: Principles of Affordable housing

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. All Question Carry equal marks.

1. Discuss the development & adoption of precast elements in partial prefabrication with help of examples. Also explain the role of prefabrication for mass housing in India.
2. Discuss the Land Use and physical planning for housing in India; compare the supply and demand for land in urban part of India. Explain the Urban Land Ceiling and Regulation Act along with effectiveness of building Bye-Laws.
3. Elaborately discuss the status of rural sanitation in India and the rural sanitation program. Also write the various roles taken up by organizations in construction & implementation of low cost sanitation systems.
4. Discuss the main programs undertaken by the government to mitigate the housing problem of the urban poor under the name of government-sponsored programs for slum upgradation.
5. How has development & adoption of low cost or effective housing technology played a significant hand in adoption of innovative cost-effective construction techniques with the help of examples? Also discuss the adoption of total prefabrication for mass housing in India.