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JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -3 EXAMINATION - JUNE- 2016

M.Tech 4th Semester

COURSE CODE: 10M13CE334

MAX. MARKS: 35

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. Write detailed answers to the questions.

1. Discuss the living condition in slums of metropolitan cities of India. What is the quantitative side of factor for the problem of housing which has been worsening over the years in India? [6 Marks]
2. Elaborate on the approaches and strategies for urban cities taken by the government in the past for providing shelter to slum dwellers in the urban cities of the country. [6 Marks]
3. 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. [6 Marks]
4. How has development & adoption of low cost or effective housing technology played a significant hand in adoption of innovative cost-effective construction techniques, explain with the help of examples? Also discuss the adoption of total prefabrication for mass housing in India. [6 Marks]
5. What are the major causes of high building costs? What are the various aspects of cost reduction in housing sector? Discuss the factors affecting choice of materials and technologies along with the technology selection criterion. [6 Marks]
6. Elaborately discuss the status of rural sanitation in India and the rural sanitation program. Also write the various roles taken up by the various organizations in construction & implementation of low cost sanitation systems. [5 Marks]