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**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)****M.Tech I Year I Semester Regular & Supplementary Examinations February 2018****LOW COST HOUSING TECHNIQUES
(Structural Engineering)**

Time: 3 hours

Max. Marks: 60

(Answer all Five Units 5 X 12 =60 Marks)

UNIT-I

- 1 a Briefly explain about Housing Development Finance Corporation. 5M
b Explain the urban housing status in India. 7M

OR

- 2 a Write down the salient points on global housing scenario. 5M
b Explain in detail about status of Rural Housing finance. 7M

UNIT-II

- 3 a Write down the Residential densities normally considered as optimums for single storeyed houses to five storeyed houses. 5M
b What are the different strategies to improve inner city slums? 7M

OR

- 4 a What are the measures to be taken to improve living conditions in slums? 5M
b Explain in detail about Urban Community Development Approach for housing urban poor. 7M

UNIT-III

- 5 a Write short notes on Fly-ash Gypsum bricks. 5M
b Briefly explain with a neat sketch about precast R.C. frames for doors and windows. 7M

OR

- 6 List out various popular prefabrication systems adopted in mass housing programmes in India and explain any two systems. 12M

UNIT-IV

- 7 List out the various wood substitutes and briefly explain any three substitutes. 12M

OR

- 8 a Explain about cellular concrete. 6M
b Explain the manufacturing process of Clay - Flyash bricks. 6M

UNIT-V

- 9 a Explain about Low cost sanitation. 6M
b Discuss about Accelerated Rural Water supply Programme. 6M

OR

- 10 Describe the various rural housing programmes undertaken in India. 12M

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