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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR

(AUTONOMOUS)

B.Tech II Year II Semester Regular Examinations July-2021**FUNDAMENTALS OF URBAN PLANNING**

(Open Elective-II)

Time: 3 hours

Max. Marks: 60

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

UNIT-I

- 1 a Elucidate the necessity for town planning in detail. L1 6M
 b Explain the growth of towns according to direction mentioning the advantages and disadvantages of them. L2 6M

OR

- 2 a What are the various socio-economic aspects of town planning? Explain them in detail. L2 6M
 b What are the important features to be considered while selecting a site for a town? L1 6M

UNIT-II

- 3 a Describe Territorial survey and Vital Survey. L2 6M
 b Define Zoning and list the objectives of Zoning. L1 6M

OR

- 4 a Write a detail note on Local planning and Country planning. L2 6M
 b Give a detailed account on the Special Economic Zone (SEZ). L2 6M

UNIT-III

- 5 a Write a detailed account on "Low cost Housing" L1 6M
 b Explain in detail about the classification of residential buildings. L2 6M

OR

- 6 a Explain the need for investing in houses and also mention the advantages. L2 6M
 b Explain in detail about various causes and effects of slum formation. L2 6M

UNIT-IV

- 7 a Mention the categories in which the public buildings are generally groups. L1 6M
 b What are the various classifications of industries? Explain in detail. L2 6M

OR

- 8 a What is the importance of bye-laws? Mention the grounds on which the consultation by local authority is desired. L1 6M
 b Explain the principles underlying building bye-laws. L2 6M

UNIT-V

- 9 a What are the various classifications of urban roads? L1 6M
 b Draw the construction of outer and inner ring roads. What are the objects of outer and inner ring roads? L2 6M

OR

- 10 a Discuss various types of road signs as per the provisions of the Indian Motor Vehicle Act and I.R.C. Code. L2 6M
 b State the measures to be taken for the safety of pedestrians on roads. L1 6M

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