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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)

B.Tech III Year II Semester Regular Examinations August-2022

FUNDAMENTALS OF URBAN PLANNING

(Mechanical Engineering)

Time: 3 hours

Max. Marks: 60

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

UNIT-I

- 1 List and explain various stages in town development as given by Sir Patrick, Mumford & Taylor. Also give a brief note on i) Basic village ii) Rural town iii) Service town L1 12M

OR

- 2 What are the various socio-economic aspects of town planning? Explain them in detail. L1 12M

UNIT-II

- 3 a Mention the data collected in Social Survey. L1 6M
b What are the objects of Zoning? L1 6M

OR

- 4 a Write a brief note on Urban Planning and International Planning. L1 6M
b Explain about functional survey. L2 6M

UNIT-III

- 5 What are the different agencies for housing? Explain each of them in detail. L2 12M

OR

- 6 Illustrate various process involved in prevention of slum formation. L1 12M

UNIT-IV

- 7 a Write a detail note on requirements of an industry. L1 6M
b What are the measures to control the location of industries? L1 6M

OR

- 8 a Explain various responsibility of a building owner L2 6M
b What are the applicability of bye-laws L1 6M

UNIT-V

- 9 a What are the various classification of urban roads. L1 6M
b What are the chief uses of the traffic surveys? L1 6M

OR

- 10 a Draw the neat sketches of traffic islands for the road junctions with four streets. L1 6M
b Explain, with the help of neat sketches, various arrangements of the street lights. L2 6M

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