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

B.Tech II Year II Semester Supplementary Examinations February-2022
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 With the help of neat sketch, discuss the features of concentric spread, ribbon development scattered development and Satellite Township. L2 6M
b What are the various principles of town planning? L1 6M

OR

- 2 a What are the various principles of town planning? L2 6M
b Draw a neat sketch of Nandyavarta type of town planning by mentioning the location of various places on it. L2 6M

UNIT-II

- 3 a What are the advantages of Zoning and also list the principles of zoning. L1 6M
b What is a Town survey? What are the usual topics covered in it? L2 6M

OR

- 4 a Write a brief note on Urban Planning and International Planning? L1 6M
b What is rural planning? Explain in detail. L2 6M

UNIT-III

- 5 a Explain in detail about National Housing Policy (NHP). L2 6M
b What do you mean by "skyscrapers"? Explain in detail about the argument for and against them. L2 6M

OR

- 6 a What are the various housing problems in India? Explain them in detail. L2 6M
b Write a short note on Slum clearance and re-housing. L1 6M

UNIT-IV

- 7 a Discuss the factors to be examined at the time of site selection for public buildings. L2 6M
b What is an industrial waste? Give a brief note on their characteristics, classification & treatment methods. L1 6M

OR

- 8 a Discuss the function of a local authority with respect to the building bye-laws. L2 6M
b What are the measures to control the location of industries? L1 6M

UNIT-V

- 9 a With neat sketches explain various types of street systems. L2 6M
b Mention various methods adopted to grant parking facilities. L1 6M

OR

- 10 a Discus briefly about causes of road accidents. L1 6M
b With the help of neat sketches, explain various arrangements of the street lights. L2 6M

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