

Reg. No:

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

B.Tech IV Year I Semester Regular Examinations February-2022

FUNDAMENTALS OF URBAN PLANNING

(Civil Engineering)

Time: 3 hours

Max. Marks: 60

PART-A

(Answer all the Questions 5 x 2 = 10 Marks)

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|---|---|--|----|----|
| 1 | a | Define the term town planning | L1 | 2M |
| | b | What is the chief subject of surveys? | L1 | 2M |
| | c | Define the term "House" as per NBO | L2 | 2M |
| | d | What are the factors to examine the selection of site of public buildings? | L1 | 2M |
| | e | What are the objects of urban roads? | L1 | 2M |

PART-B

(Answer all Five Units 5 x 10 = 50 Marks)

UNIT-I

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|---|---|---|----|----|
| 2 | a | Give a details account on objects of town planning. | L1 | 7M |
| | b | Explain in detail on how town are originated. | L2 | 3M |

OR

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|---|---|--|----|----|
| 3 | a | What are the various principles of town planning? | L1 | 7M |
| | b | Elucidate the necessity for town planning in detail. | L1 | 3M |

UNIT-II

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|---|---|---|----|----|
| 4 | a | What is a National survey? What are the usual topics covered in it? | L1 | 5M |
| | b | Mention the main principles of Zoning. | L1 | 5M |

OR

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|---|---|---|----|----|
| 5 | a | What is a Town survey? What are the usual topics covered in it? | L1 | 5M |
| | b | Give a detailed account on the Special Economic Zone (SEZ). | L1 | 5M |

UNIT-III

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|---|---|----|-----|
| 6 | Explain in detail about various causes and effects of slum formation. | L2 | 10M |
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OR

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|---|---|--|----|----|
| 7 | a | What are the various characteristics of slums? | L1 | 6M |
| | b | Write a short note on Slum clearance and re-housing. | L1 | 4M |

UNIT-IV

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|---|---|--|----|----|
| 8 | a | Write a detail note on requirements of an industry. | L1 | 5M |
| | b | What are the measures to control the location of industries? | L1 | 5M |

OR

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|---|--|----|-----|
| 9 | What is the importance of bye-laws? Mention the grounds on which the consultation by local authority is desired. | L1 | 10M |
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UNIT-V

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|----|---|---|----|----|
| 10 | a | What is the various classifications of urban roads. | L1 | 5M |
| | b | What are the chief uses of the traffic surveys? | L1 | 5M |

OR

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|----|--|----|-----|
| 11 | With neat sketches, explain various types of street systems. | L2 | 10M |
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END