



**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY, PUTTUR  
(AUTONOMOUS)**

Siddharth Nagar, Narayanavanam Road – 517583

**QUESTION BANK (DESCRIPTIVE)**

**Subject with Code :** Fundamentals of urban planning (19CE0143)

**Course & Branch:** B.Tech – Agri, Mech, ECE, CSE, CSIT

**Year & Sem:** II B.Tech. & II – Sem

**Regulation:** R19

**UNIT –I**

**INTRODUCTION TO TOWN PLANNING**

1.	a)	Give a details account on objects of town planning	[L1][CO1]	[8M]
	b)	Explain in detail on how town are originated.	[L2][CO1]	[4M]
2.	a)	What are the various principles of town planning?	[L1][CO1]	[8M]
	b)	Elucidate the necessity for town planning in detail.	[L1][CO1]	[4M]
3.		With the help of neat sketch, discuss the features of concentric spread, ribbon development scattered development and Satellite Township.	[L2][CO1]	[12M]
4.		Explain the growth of towns according to direction mentioning the advantages and disadvantages of them.	[L2][CO1]	[12M]
5.		List and explain various stages in town development as given by Sir Patrick, Mumford & Taylor. Also give a brief note on a) Basic village b) Rural town and c) Service town	[L1][CO1]	[12M]
6.		What are the important features to be considered while selecting a site for a town?	[L1][CO1]	[12M]
7.		Explicate the modern town planning of India in detail.	[L2][CO1]	[12M]
8.		What are the various socio-economic aspects of town planning? Explain them in detail	[L1][CO1]	[12M]
9.		Draw a neat sketch of Nandyavarta type of town planning by mentioning the location of various places on it	[L1][CO1]	[12M]
10.		Draw a neat sketch of Prastara type town plan and mention various places in it	[L1][CO1]	[12M]



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**UNIT –II**

**SURVEYING & PLANNING, ZONING**

1.	a)	Describe Territorial survey and Vital Survey	[L2][CO2]	[8M]
	b)	Define and explain zoning.	[L1][CO2]	[4M]
2.	a)	Mention the data collected in Social Survey	[L1][CO2]	[6M]
	b)	What are the objects of Zoning?	[L1][CO2]	[6M]
3.	a)	What is a preliminary survey? What are the usual topics covered in it?	[L1][CO2]	[6M]
	b)	What are the advantages of Zoning?	[L1][CO2]	[6M]
4.	a)	What is a National survey? What are the usual topics covered in it?	[L1][CO2]	[6M]
	b)	Mention the main principles of Zoning	[L1][CO2]	[6M]
5.	a)	What is a Town survey? What are the usual topics covered in it?	[L1][CO2]	[6M]
	b)	Give a detailed account on the Special Economic Zone (SEZ)?	[L1][CO2]	[6M]
6.	a)	Write a detail note on Local planning and Country planning	[L1][CO2]	[8M]
	b)	What are the maps required for Zoning?	[L1][CO2]	[4M]
7.	a)	What are the types of planning? Explain National Planning?	[L1][CO2]	[6M]
	b)	Write a brief note of Regional planning?	[L1][CO2]	[6M]
8.	a)	Describe the regional Survey? What are the topics covered in it?	[L2][CO2]	[6M]
	b)	Describe the Civic Survey? What are the topics covered in it?	[L2][CO2]	[6M]
9.	a)	Write a brief note on Urban Planning and International Planning?	[L1][CO2]	[6M]
	b)	Explain about functional survey?	[L2][CO2]	[6M]
10.		What is rural planning? Explain in detail	[L1][CO2]	[12M]



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**UNIT –III**

**HOUSING & SLUMS**

1.		Explain in detail about the classification of residential buildings	[L2][CO3]	[12M]
2.		What do you mean by “skyscrapers”? Explain in detail about the argument for and against them	[L2][CO3]	[12M]
3.		Write a detailed account on “Low cost Housing”	[L1][CO3]	[12M]
4.		Explain in detail about National Housing Policy (NHP)	[L2][CO3]	[12M]
5.		What are the different agencies for housing? Explain each of them in detail?	[L1][CO3]	[12M]
6.		Explain the need for investing in houses and also mention the advantages.	[L2][CO3]	[12M]
7.		What are the various housing problems in India? Explain them in detail.	[L2][CO3]	[12M]
8.		Explain in detail about various causes and effects of slum formation.	[L2][CO3]	[12M]
9.	a)	What are the various characteristics of slums?	[L1][CO3]	[7M]
	b)	Write a short note on Slum clearance and re-housing.	[L1][CO3]	[5M]
10.		Illustrate various process involved in prevention of slum formation.	[L1][CO3]	[12M]



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**UNIT –IV**

**PUBLIC BUILDINGS & INDUSTRIES, BUILDING BYE-LAWS**

1.		Discuss the factors to be examined at the time of site selection for public buildings.	[L2][CO4]	[12M]
2.		Mention the categories in which the public buildings are generally groups.	[L1][CO4]	[12M]
3.		Explain the principles of design of public buildings`	[L2][CO4]	[12M]
4.		What is an industrial waste? Give a brief note on their characteristics, classification & treatment methods.	[L1][CO5]	[12M]
5.		What are the various classification of industries? Explain in detail	[L1][CO5]	[12M]
6.	a)	Write a detail note on requirements of an industry.	[L1][CO5]	[6M]
	b)	What are the measures to control the location of industries?	[L1][CO5]	[6M]
7.		What is the importance of bye-laws? Mention the grounds on which the consultation by local authority is desired.	[L1][CO5]	[12M]
8.		Discuss the function of a local authority with respect to the building bye-laws	[L2][CO5]	[12M]
9.	a)	Explain various responsibility of a building owner	[L2][CO5]	[6M]
	b)	What are the applicability of bye-laws	[L1][CO5]	[6M]
10.		Explain the principles underlying building bye-laws	[L2][CO5]	[12M]



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**UNIT – V**

**URBAN ROADS AND TRAFFIC MANAGEMENT**

1.	a)	Mention the requirements of a good city road.	[L1][CO6]	[6M]
	b)	Discuss the causes for traffic congestion.	[L2][CO6]	[6M]
2.	a)	What are the various classification of urban roads.	[L1][CO6]	[6M]
	b)	What are the chief uses of the traffic surveys?	[L1][CO6]	[6M]
3.		With neat sketches explain various types of street systems.	[L2][CO6]	[12M]
4.	a)	Explain through road and by-pass road with a neat sketch.	[L2][CO6]	[6M]
	b)	Mention various methods adopted to grant parking facilities.	[L1][CO6]	[6M]
5.	a)	Draw the construction of outer and inner ring roads. What are the objects of outer and inner Ring road?	[L1][CO6]	[6M]
	b)	Write a critical note on traffic capacity of roads.	[L1][CO6]	[6M]
6.		Define a freeway and mention its essential features.	[L1][CO6]	[12M]
7.	a)	List the causes for road accidents.	[L1][CO6]	[6M]
	b)	State the measures to be taken for the safety of pedestrians on roads.	[L1][CO6]	[6M]
8.		Discuss in detail about the advantages & disadvantages of traffic signals.	[L2][CO6]	[12M]
9.		Discuss various types of road signs as per the provisions of the Indian Motor Vehicle Act and I.R.C. Code.	[L2][CO6]	[12M]
10.	a)	Draw the neat sketches of traffic islands for the road junctions with four streets.	[L1][CO6]	[6M]
	b)	Explain, with the help of neat sketches, various arrangements of the street lights.	[L2][CO6]	[6M]