



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

Siddharth Nagar, Narayanavanam Road – 517583

QUESTION BANK (DESCRIPTIVE)

Subject with Code: Fundamentals of Urban Planning (20CE0147)

Course & Branch: B.Tech – EEE, MECH, ECE & CSE

Year & Sem: III B.Tech. & II – Sem

Regulation: R20

UNIT – I

INTRODUCTION TO TOWN PLANNING

1.	a)	What are the objects of town planning?	[L1][CO1]	[8M]
	b)	What are the contributing forces of the origin of towns and cities?	[L1][CO1]	[4M]
2.	a)	Describe the guiding principles of town planning?	[L1][CO1]	[8M]
	b)	Elucidate the necessity for town planning in detail.	[L1][CO1]	[4M]
3.		Discuss the growth of towns according to origin with the help of neat sketches.	[L2][CO1]	[12M]
4.		Explain the growth of towns according to direction mentioning the advantages and disadvantages of them.	[L2][CO1]	[12M]
5.	a)	Explain various stages in town development given by Sir Patrick, Lewis Mumford & Griffith Taylor.	[L2][CO1]	[8M]
	b)	Explain in detail the various categories of Indian villages.	[L2][CO1]	[4M]
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 and Prastara type of town planning by mentioning the location of various places on it.	[L1][CO1]	[12M]
10.	a)	Write short notes on. a)Moghul Period b)Buddhist period c)British period d)Medieval Period	[L1][CO1]	[8M]
	b)	Write short notes on cost of town planning.	[L1][CO1]	[4M]

UNIT –II**SURVEYING & PLANNING, ZONING**

1.	a)	What is a preliminary survey? What are the usual topics covered in it?	[L1][CO2]	[8M]
	b)	Write short notes on regional survey.	[L1][CO2]	[4M]
2.	a)	What is a National survey?	[L1][CO2]	[4M]
	b)	List out the data collected in national survey and explain in detail.	[L1][CO2]	[8M]
3.	a)	What is a civil survey? What are the usual topics covered in it?	[L1][CO2]	[8M]
	b)	Write short notes on vital survey.	[L1][CO2]	[4M]
4.	a)	What is functional survey? Mention the information collected in functional survey.	[L1][CO2]	[6M]
	b)	What is social survey? Mention the information collected in functional survey.	[L1][CO2]	[6M]
5.		Explain in detail the various types of planning.	[L2][CO2]	[12M]
6.		Write short notes on urban, rural and regional planning.	[L1][CO2]	[12M]
7.	a)	What is meant by term zoning?	[L1][CO2]	[6M]
	b)	What are the various objects of zoning?	[L1][CO2]	[6M]
8.		Mention the main principles of zoning and explain them in detail.	[L1][CO2]	[12M]
9.		Explain in detail the concept of Special Economic Zones in detail.	[L2][CO2]	[12M]
10.	a)	What are the various advantages of zoning?	[L1][CO2]	[6M]
	b)	What are the maps required for zoning?	[L1][CO2]	[6M]

UNIT –III**HOUSING & SLUMS**

1.		Explain in detail about the classification of residential buildings.	[L2][CO3]	[12M]
2.	a)	What do you mean by skyscrapers?	[L1][CO3]	[4M]
	b)	Explain in detail about the argument for and against the skyscrapers.	[L2][CO3]	[8M]
3.	a)	Write a detailed account on Low cost Housing.	[L1][CO3]	[6M]
	b)	Explain in detail about National Housing Policy (NHP).	[L2][CO3]	[6M]
4.		What are the different agencies for housing? Explain each of them in detail.	[L1][CO3]	[12M]
5.	a)	Explain the need for investment in housing and also mention its advantages.	[L2][CO3]	[8M]
	b)	What are the various housing problems in India?	[L1][CO3]	[4M]
6.		Explain in detail about various causes and effects of slum formation.	[L2][CO4]	[12M]
7.		What are the various characteristics of slums? Explain each of them in detail.	[L1][CO4]	[12M]
8.		What are the objects and methods of slum clearance programme? Explain each method in detail.	[L1][CO4]	[12M]
9.	a)	What are the various measures taken for Slum clearance and re-housing.	[L1][CO4]	[6M]
	b)	Write short notes on financial assistance for slum clearance.	[L1][CO4]	[6M]
10.		Illustrate various process involved in prevention of slum formation.	[L1][CO4]	[12M]

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][CO5]	[12M]
2.		Mention the categories in which the public buildings are generally groups.	[L1][CO5]	[12M]
3.		Explain the principles of design of public buildings.	[L2][CO5]	[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 classifications 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 is the applicability of bye-laws?	[L1][CO5]	[6M]
10.		Explain the principles underlying building bye-laws .	[L2][CO5]	[12M]

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 classifications 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]

Prepared by

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