

**DR. KALAM POLYTECHNIC COLLEGE, AVANAM
DEPARTMENT OF CIVIL ENGINEERING**

SUB. NAME /CODE : 21082/TOWN PLANNING

YEAR/SEM : III/VI

UNIT-I

PART- A

1. What is meant by the term town planning? OCT 14
2. What is meant by zoning? APR 15
3. Mention the objects of town planning? APR 15
4. What is ribbon development? OCT 14
5. What are the types of survey conducted for town planning. OCT 14
6. Mention any two principles of zoning. OCT 14
7. State any two uses of surveying. APR 15
8. What is transition zone? OCT 15
9. Write the significance of green belt. OCT 15
10. Why are survey carried out? APR 16
11. Which type of information is collected in the territorial survey?
APR 16
12. Mention the stages through which a town passes as suggested by Griffith Taylor. APR 16
13. What are the forms of planning? APR 15
14. What are the distinct parts of a town? APR 14

PART- B

1. a. What are the principles of town planning? (6)
b. What are the objects of zoning? Explain the advantages zoning. (6)
2. a. Discuss the growth of towns according to origin. (6)
b. Discuss the growth according to direction. (6)
3. a. Briefly explain the types of survey? Explain the uses of surveys. (6)

- b. Explain the collection of data in surveys. (6)
4. a. Explain the economic justification for town planning and evaluation of planning. (6)
b. What are the stages involved in town development? (6)
5. a. Write short notes on forms of the town planning and requirements of new towns. (6)
b. Write the distributions of lands and site for an ideal town. (6)
6. a. Explain the present position of planning in India. (6)
b. Write the short notes on planning of the modern town. (6)

UNIT-II

PART- A

1. What are the methods adopted for slum clearance?
2. Mention any two agencies for housing.
3. What is the effect of slum?
4. Mention any two requirements of housing?
5. Define housing.
6. How can a slum be improved?
7. Write a critical note on good housing.
8. Define HUDCO.
9. Define demand for houses.
10. Define aesthetics.
11. List any two typical rural houses?
12. Define CIDCO.
13. Define slum clearance.
14. Mention any two characteristics of slums?

PART- B

- 1.a. Explain about classifications of residential buildings? (6)
 - b. why was CIDCO formed? Give an idea about its functions and achievements. (6)
- 2.a . Explain the requirements of residential buildings? (6)
 - b. explain briefly demand for houses and explain them importance of housing?(6)
- 3.Explain briefly the causes of slums.(12)
- 4.a. Explain about the characteristics of slums? (6)
 - b. Explain briefly effects of slums? (6)
5. a. What are the slum clearance and explain them. (6)
 - b. Explain the Prevention of slum formation.(6)
6. Write short notes on:
 - (i) Problems in removing slums. (4)
 - (ii) Works of improvement. (4)
 - (iii) Open plot scheme. (4)

UNIT-III

PART- A

1. Define parkway.
2. Define town centre.
3. List any two requirements of public buildings?
4. Define green house.
5. What are the types of recreation?
6. Define park design.
7. Define master plan.

8. State the any two factors of master plan?
9. What is the planning standard?
10. Write short notes on business centres.
11. Write short notes on location of urban green spaces.
12. What are the surface drains?
13. Mention the shapes of surface drains.
14. What is the satellite town?

PART-B

- 1.a. Write short notes on grouping of public buildings. (6)
 - b. explain briefly classification of parks and play grounds? (6) APR14 APR16
- 2.a. Discuss about the refuse of a town and disposal methods. (6)
 - b. Write notes on stages of preparation and method of execution of master plan. (6) APR14
3. What are the principles to be followed while designing public buildings? (12) OCT14 OCT15
- 4.a. What are the objects of traffic management? (6)
 - b. What are the drawings to be prepared for master plan? (6) OCT14
- 5.a. What are the objects of master plan? (6)
 - b. Mention the various stages of preparation of master plan. (6) APR15
6. What are the defects of existing town? (12) APR15 OCT15
- 7.a. Discuss the park system. (6) OCT15
 - b. Mention the data to be collected for preparation of master plan. (6) OCT15
- 8.a. Write short notes on Different categories of refuse (6)
 - b. Write short notes on water carriage system. (6) APR16

9.a. State the data to be collected for re-planning of a town? (6)

b. Explain the principles of garden city. (6)

10.a. Explain the classification of public buildings? (6)

b. Explain about the requirements of public buildings? (6)

11.a. Explain about the town centres. Explain the grouping of public buildings? (6)

b. what are the green house and explain them. (6)

12. What is the master plan? Explain those all data in master plan. (12)

UNIT-IV

PART- A

1. How are urban roads classified? APR14

2. What is precinct? APR14

3. Define the term traffic island. APR14

4. Mention the classification of parking. APR14

5. Define Expressways. OCT14 OCT15

6. Define the term road junction. OCT14

7. What is the use of road sign? OCT14

8. State the uses of road marking. OCT14

9. Define freeways. APR15

10. State any two causes of road accident. APR15

11. What is meant by precinct? APR15

12. Mention any two advantages of automatic light signals. APR15

13. What are object of urban roads? OCT15

14. What is traffic congestion? OCT15

15. What is grade separation? OCT15

16. What are the types of urban roads? APR16

17. What is a sub arterial road? APR16

18. What are the factors to be considered in the selection of road junction. APR16

19. List the traffic problems of existing towns. APR16

PART-B

1. a. Discuss any two types of street systems with neat sketches. (6)

b. Write short notes on bypass roads. (6) APR14

2. a. Mention the disadvantages of traffic congestion. State the measure adopted to avoid traffic congestion. (12)

b. Write notes on causes of Road accidents. (6) APR14

3. What are the requirements of good city road? (12) OCT14

4. a. What are the objects of traffic management? (6)

b. Explain the various types of street light with sketches. (6) OCT14

5. a. Explain the classification of urban roads. (6) APR15 OCT15

b. What are the peculiarities of traffic? (6) APR15

6. Explain any three types of street system with sketches. (12) APR15

7. a. Discuss about outer and inner ring roads. (6)

b. Explain the objects and various methods of traffic control. (6) OCT15

8. a. Discuss the various arrangements of street lighting. (6) OCT15

9. Write short notes on arterial road and rectangular street system. (6) APR16

10. a. Write short notes on traffic congestion and traffic control. (6)

b. Write notes on street lighting in a town. (6) APR16

UNIT-V

PART- A

- 1.What is meant by bye-law?APR14
- 2.Define floor space index. APR14 APR16
- 3.Define green belt. APR14 APR16
- 4.What is rapid transit? APR14
- 5.Define building bye-laws.OCT14
- 6.What is meant by focal point?OCT14
- 7.State any two examples for public utility services. OCT14
- 8.Define set back.APR15 OCT15
- 9.What are the objects of building bye-law.APR15
- 10.State any two important parts of an airport.APR15
- 11.What is meant by cul-de-sec? APR15
- 12.Define cellar.OCT15
- 13.What is conurbation?OCT15
- 14.What is meant by city block?OCT15
- 15.Expand the term CMDA.APR16
- 16.Where is the rapid transit system employed?APR16

PART-B

- 1.a.Briefly explain the building bye-laws for residential area of a town planning scheme. (6)APR14,15
 - b.Discuss about setback and mention its advantages. (6)APR14
- 2.a.Explain the various facilities required at a major airport. (6)
 - b. Write notes on urban planning using remote sensing. (6)APR14

- 3.Mention the principles to be observed while framing building bye laws. (12)OCT14
 - 4.a.List out the various parts of an airport. (6)OCT14 APR16
 - b.What are the applications of remote sensing in transportation planning? (6)OCT14 APR16
 - 5.a.What are the advantages of rapid transit? (6)
 - b.Mention the applications of remote sensing in urban planning. (6)APR15
 - 6.a.Discuss the functions of local authority. (6)OCT15 APR16
 - b.Explain about light plane with neat sketches. (6)OCT15
 - 7.a.Write a note an CMDA rules. (6)
 - b. Write short notes on urban planning using remote sensing.(6)OCT15
 - 8.a.Briefly mention few building bye laws of typical municipality for residential area.(6)APR16