

CBCS SCHEME



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18ARC86

Eighth Semester B.Arch. Degree Examination, July/August 2022

Urban Planning

Time: 3 hrs.

Max. Marks:100

Note: 1. Answer any FIVE full questions, choosing ONE full question from each module.
2. Draw net supportive sketches wherever required.

Module-1

- 1 What is a settlement? Explain the role of natural and manmade determinants in settlement pattern. (20 Marks)

OR

- 2 a. Explain the characteristics of Indus valley civilization settlement planning with help of neat sketches. (10 Marks)
b. Briefly discuss the features of planning aspects of city during renaissance period. (10 Marks)

Module-2

- 3 a. Discuss the concept of Garden city by Ebenezer Howard with sketches. (10 Marks)
b. Briefly explain the 'Neighborhood merit'. (10 Marks)

OR

- 4 Discuss the ideas of Le – Cartusier with the example of Chandigarh city planning. (20 Marks)

Module-3

- 5 a. Define Alums. What are its characteristics? (10 Marks)
b. Briefly discuss the post independence effect on city planning with example of Gandhinagar. (10 Marks)

OR

- 6 Write short notes on the following :
a. Affordable housing (10 Marks)
b. Slum rehabilitation project. (10 Marks)

Module-4

- 7 a. Explain concentric zone theory with neat sketches. (10 Marks)
b. Discuss multiple Nucleic theory with neat sketches. (10 Marks)

OR

- 8 Explain landuse and its significance in planning. Also explain different types of landuse categories used in planning. (20 Marks)

Module-5

- 9 Discuss the process involved in urban redevelopment and briefly explain various scales of planning. (20 Marks)

OR

- 10 Write short notes on :
i) Master plan/CDP
ii) Area plan
iii) Regional plan
iv) URDPFI guidelines. (20 Marks)

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Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.

Module-4

- 7 a. Discuss the various safety measures and management required for workers health in the construction industry. (10 Marks)
b. State the codes and standards for quality management. (10 Marks)

OR

- 8 Elaborate on the various techniques for project monitoring and control in construction management. (20 Marks)

Module-5

- 9 a. State the factors affecting the selection of construction equipment. (06 Marks)
b. Why is standardization of equipment important? (06 Marks)
c. Explain the concepts of useful life, operating life and actual working life of construction equipment. (08 Marks)

OR

- 10 Describe and sketch any five equipments used in large scale construction. (20 Marks)
