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43 (ARC-7) 7-3

2018

TOWN PLANNING

Paper : ARC 7-3

Full Marks : 100

Pass Marks : 40

Time : Three hours

The figures in the margin indicate full marks for the questions.

1. Answer **any five** from the following questions: 5×5=25
 - (a) What do you mean by Horizontal and Vertical growth of cities?
 - (b) Define "Urban" as per 2011 census definitions.
 - (c) What do you mean by "Perspective Plan", "Development Plan" and Schemes?

Contd.

- (d) What is "Zoning"? Mention the necessities of zoning for the development of city level plans.
- (e) Explain the characteristics of a Satellite Town.
- (f) Differentiate the characters of Urban and Rural settlements with examples.
- (g) Discuss elements and objectives of Town Planning.

2. Discuss the *three* Magnet principles of Garden city with diagram. Explain the characteristics and planning principles of Garden city. 5+10=15

OR

Who planned the "Chandigarh" city? Discuss the Town Planning concepts and principles of Chandigarh city, with sketches. 1+14=15

3. What is Settlement? What do you mean by Urban Planning? Define—Urbanisation. Discuss the effects of Urbanisation. Discuss issues and problems related to Guwahati city and as a student of B.Arch and Town Planning, give some suggestions and recommendations to improve the conditions of the city. 2+2+2+6+8=20

OR

What do you mean by "Urban Growth"? Mention *three* importance of Urban planning for sustainable growth. Also discuss the methods of growth of towns with sketches. 2+6+12=20

4. Write short notes on: (*any six*) 5×6=30

- (a) Neighbourhood Unit
- (b) Radburn Layout
- (c) Cul-de-sac streets
- (d) Types of Zoning in Urban planning
- (e) Linear city
- (f) Multiple Nuclei Theory
- (g) Central Business District (CBD)
- (h) Ground Coverage, FAR and Height regulations
- (i) Different types of surveys in Town Planning.

5. Discuss the Town Planning principles of Vedic period with different types of Settlement layouts (with necessary sketches). 10

OR

Explain the Town Planning principles of Sir Patrick Geddes or the philosophy of Doxiadis in Town Planning.