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Total number of printed pages – 2

B. Tech
PECI 5418

Eighth Semester Regular Examination – 2015

TOWN PLANNING

BRANCH : CIVIL

QUESTION CODE : J 312

Full Marks – 70

Time : 3 Hours

*Answer Question No. 1 which is compulsory and any five from the rest.
The figures in the right-hand margin indicate marks.*



1. Answer the following questions :

2 × 10

- (a) Census Town
- (b) Gross density
- (c) Metropolis
- (d) Transition zone
- (e) Urbanisation
- (f) Satellite towns
- (g) Green belt
- (h) Cul-de-sac
- (i) FAR
- (j) Grid-Iron road pattern.

2. (a) Why town planning is necessary ? Write briefly the objectives and principles of town planning. 5
- (b) Discuss the role of Transportation and communication in the evolution of settlement layout. 5

P.T.O.

3. (a) Elaborate briefly the important town planning features of Mohenjo-Daro and Harappa. 5
- (b) Outline the importance of Zoning. Elaborate the classification of zoning in a town. 5
4. (a) Explain the neighbourhood concept defined by C. A. Perry. 5
- (b) State the salient features of Koenigsberger's Neighborhood units in Bhubaneswar Master Plan. Compare the Existing neighbourhood with newly developed neighbourhood units in the city. 5
5. (a) Give the necessity of master plan ? What are the data's to be collected for the preparation of master plan ? 5
- (b) Explain the concept of Garden city and its contribution in early planning efforts. 5
6. (a) What are the different land uses ? Explain the importance of land use zoning in development plan. 5
- (b) Write briefly the impact of industrial revolution on Town planning. 5
7. (a) What is the importance of Landscape Design ? Describe the Landscape Design Process. 5
- (b) What are the causes of slum ? How can we make our city slum free ? 5
8. Write short notes on : 2 × 5
- (a) Causes of Urban-Growth and their controlling measures.
- (b) Horizontal and Vertical Growth of Town and their merits and demerits.
- (c) Town Planning methods for controlling density.
- (d) Remote sensing and its use in Town Planning.
- (e) Demographic survey for development plan.