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Total Number of Pages: 2

B.Tech
PECI5418

8th Semester Regular / Back Examination 2015-16

TOWN PLANNING

BRANCH: Civil

Time: 3 Hours

Max Marks: 70

Q.CODE: W374

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

- Q1** Answer the following questions: **(2 x 10)**
- a) What do you mean by *transition zone*?
 - b) What is the impact of *green belt* on human living environment ?
 - c) What is the importance of *zoning* in a town?
 - d) Define *master plan* of a city.
 - e) What do you mean by *ribbon development*?
 - f) What is the difference between *plinth area* and *carpet area*?
 - g) Explain the term, F A R.
 - h) What do you mean by *neighbourhood planning* ?
 - i) Explain the term: *grid-Iron road pattern* .
 - j) Distinguish between horizontal growth and vertical growth of town.
- Q2** a) Describe the planning features of Indus valley civilization with neat sketches. **(6)**
b) Explain briefly about Building Bye-laws. **(4)**
- Q3** Explain the steps involved in preparation of Master plan for a town. **(10)**
Explain about the various types of data and information required for preparation of Master Plan.
- Q4** Describe the functional planning of buildings wrt planning, designing and construction features. **(10)**
- Q5** a) Describe the important town planning features of Mohenjo-Daro and Harappa. **(6)**
b) Describe the effects of unplanned urban growth. **(4)**
- Q6** a) Describe the role of transportation and communication in the evolution of settlement layout. **(5)**
b) Describe the classification and advantages of Zoning. **(5)**

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Q7 a) Describe the salient features to be considered in site selection for an ideal town. **(5)**

b) Distinguish between natural growth and planned growth of a town. **(5)**

Q8 Write short notes on **any two**: **(5 x 2)**

a) Ordering principles

b) Garden city movement

c) Satellite city concept

d) Class I and Class II city