Total Number of Pages: 02   **B.Tech**
PECI5418

8th Semester Regular / Back Examination 2016-17
TOWN PLANNING
BRANCH: CIVIL
Time: 3 Hours
Max Marks: 70
Q.CODE: Z408
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 a *satellite town*?
- **b)** Explain the term; *grid-Iron road pattern*.
- **c)** State the application of any one *ordering principle*.
- **d)** Distinguish between *gross density* and *net density* of population.
- **e)** What do you mean by *ordering principle*?
- **f)** State the role of *town planners* in development of a city.
- **g)** State the various divisions of National Building Code?
- **h)** What do you mean by a *garden city*?
- **i)** Distinguish between natural growth and planned growth of a town.
- **j)** What do you mean by a *Class I city*?

Q2 a) Describe the important town planning features of Mohenjo-Daro and   **(5)**
Harappa.

    b) Explain the importance and classification of zoning in a town.   **(5)**

Q3 a) Discuss the salient features of Garden city.   **(5)**

    b) Explain various types of surveys and data collection for preparation of a   **(5)**
master plan of a town.

Q4 a) What are the various types of data and information required for   **(5)**
preparation of Master Plan?

    b) Explain the process of preparation of Master plan for a town.   **(5)**

Q5 **a)** Describe the various methods of slum clearance. **(5)**

b) Explain the application of remote sensing and its use in town planning. **(5)**

Q6 Mention in detail the town planning concepts of Patrick Geddes. **(10)**

Q7 Describe briefly the impact of industrialization on human settlement system. **(10)**

Q8 **Write short answer on any TWO:** **(5 x 2)**
a) Green belt

b) Horizontal growth and vertical growth of Town

c) F.A.R and F.S.I
d) Causes of slum development