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Total Number of Pages : 01

B.Tech
PECI5418

8th Semester Back Examination 2018-19

TOWN PLANNING

BRANCH : CIVIL

Time : 3 Hours

Max Marks : 70

Q.CODE : F056

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) State "Form" as a primary element of town planning?
 - b) Derive the Fire safety requirements of a building as per the National building code?
 - c) State the importance of Survey in town planning?
 - d) Determine the three magnets of "Garden City"?
 - e) Write a short note on "Satellite Town"?
 - f) State the concept of "Linear city" with suitable example?
 - g) Why future needs and requirements are needed to be estimated in any planning practices?
 - h) Write down the five basic elements of city planning?
 - i) Determine the significance of Landscaping in town planning?
 - j) State the three important aspects of zoning?
- Q2**
- a) Explain the objectives and necessity of town planning? (5)
 - b) Analyze the town planning approaches adopted in the period of Indus valley civilization? (5)
- Q3**
- a) With appropriate diagram and examples, explain the basic concepts and principles of Garden city? (5)
 - b) Justify the role of various elements and principles of neighborhood planning for creating a healthy, safe and pleasant environment? (5)
- Q4**
- a) Analyze the significance of Zoning for making any town planning scheme more effective and successful? (5)
 - b) Illustrate the classification of "Land use Zoning" and explain briefly the characteristics of each zone? (5)
- Q5**
- a) Explain the scope, objectives and necessity of Master plan? (5)
 - b) Justify the importance of various elements and principles of architectural design to make a city aesthetically as well as functionally efficient? (5)
- Q6** Evaluate the factors which are responsible for the growth and expansion of town? Also classify the growth of the town according to the origin? (10)
- Q7** Describe briefly about the types and process of surveys that are carried out to collect data and other relevant information required in the process of town planning? (10)
- Q8** Write short answer on any TWO : (5 x 2)
- a) National Building Code
 - b) Scale and Proportion
 - c) Urban design