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Total Number of Pages : 01

B.Tech.
PECI5418

8th Semester Regular / Back Examination 2017-18

TOWN PLANNING

BRANCH : CIVIL

Time : 3 Hours

Max Marks : 70

Q.CODE : C177

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) Define *urban planning*.
 - b) Which concept was developed by C. A. Perry?
 - c) Distinguish between *density zoning* and *height zoning*.
 - d) What is the importance of *Bye-laws*?
 - e) W Distinguish between *plinth area* and *carpet area*.
 - f) Why permissible limit of F A R is prescribed by the city development authority?
 - g) What is the latest version of NBC?
 - h) State the importance of *zoning*.
 - i) What do you mean by *demographic survey*?
 - j) What do you mean by *urban agglomeration*?
- Q2** a) What is the necessity of *development plan*? (5)
b) Elaborate the method of *execution of development plan*. (5)
- Q3** a) Describe with examples how aesthetic and functional components are integrated in architectural design. (5)
b) Describe the relationship between *mass* and *space* in architecture. (5)
- Q4** a) What do you mean by *slum clearance*? Describe any one method of *slum clearance*. (5)
b) Describe various types of surveys in town planning. (5)
- Q5** a) Explain various types of road junctions. (5)
b) Describe the planning principles of a neighborhood unit. (5)
- Q6** a) Discuss the planning features of Indus valley civilization with neat sketches. (5)
b) Explain the process of preparation of Master plan for a town. (5)
- Q7** State the special features of *garden city*. Narrate the garden city concept developed by Ebenezer Howard. Explain with citing some examples. (10)
- Q8** Write short answer on any TWO : (5 x 2)
- a) Satellite town
 - b) Distribution of land uses
 - c) Functional planning of buildings
 - d) Ribbon development