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Total Number of Pages : 02

B.Plan.
15BPLN604

6th Semester Regular Examination 2017-18

INTRODUCTION TO URBAN DESIGN

BRANCH : B.Plan

Time : 3 Hours

Max Marks : 100

Q.CODE : C321

Answer Part-A which is compulsory and any four from Part-B.

The figures in the right hand margin indicate marks.

Part – A (Answer all the questions)

Q1 Answer the following questions: *multiple type or dash fill up type* (2 x 10)

- a) Figure Ground Theory is formulated by..... in 1988.
- b) The quality of public realm depends on arrangement of
- c) Urban Heat Island is
- d) The book on basic elements of city written by American urban theorist Kevin Lynch is
- e) Urban design is interface between&
- f) The concept of practice movement was introduced by
- g) TOD stands for.....
- h) The concept of “Serial Vision” is given by.....
- i) Factors affecting Urban density are.....&
- j) Amorphous Square lacks

Q2 Answer the following questions: *Short answer type* (2 x 10)

- a) State the list of urban design objectives.
- b) Define Linkage theory on Urban design process.
- c) Why there is need of better urban design?
- d) What are the different urban design elements affect urban climate?
- e) How to measure visual Pollution?
- f) How does urban density affect urban climate?
- g) Define Urban Web.
- h) Differentiate between “Legibility” and “Imageability”.
- i) State the spectrum of urban design activities.
- j) What do you mean by Urban Catalyst?

Part – B (Answer any four questions)

Q3 a) Openings play an important role in enhancing thermal comfort in layout design. Illustrate the statement with help of sketches. (10)

b) Explain the different aspects of development form in urban design. (5)

Q4 a) Define Urban farming. What strategies being taken for development of sustainable urban farming? (10)

b) Discuss the different forms of Urban Pragmatism. (5)

Q5 a) A successful place has a system of open and green spaces that respect natural features and are accessible. Justify the above statement. (10)

b) Discuss the importance of urban infrastructure systems while designing a new city. (5)

- Q6** a) Explain the role of Urban Albedo in hot dry regions. (10)
b) Discuss the different categories of urban square outlined by Urban theorist Camillo Sitte. (5)
- Q7** a) Explain the basic elements of city introduced by American Urban planner Kevin Lynch. (10)
b) What are the issues concerning Urban Conservation? (5)
- Q8** a) Discuss the need of design interventions in urban design. Illustrate it with an example of a City (India or International). (10)
b) Explain the role of public participation in urban design process. (5)
- Q9** a) Explain the basic phases of Urban design process? (10)
b) Differentiate between “Area-based” and “Topic-based” design strategies. (5)