

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION

FIFTH SEMESTER B. ARCH. DEGREE EXAMINATION – DEC 2019/JAN 2020

SUBJECT: ARC-14-311: PRINCIPLES OF URBAN DESIGN

(2014 SCHEME)

Friday, January 10, 2020

Time: 10:00 – 13:00 Hrs.

Max. Marks: 50

✍ Answer ANY FIVE full questions.

✍ Answer all parts of a question.

1A. Explain the difference between Architecture, Urban Design and Urban Planning using any five parameters?

1B. Illustrate and explain through sketches the concept of skeleton, flesh and ornamentation in Tiger Circle, Manipal.

(5+5 = 10 marks)

2A. Define stakeholder in a context of a market. List the different methods of involving stakeholders in an urban design process?

2B. What is design charrette? What are the benefits of design charrette?

((2+4)+(2+2) = 10 marks)

3A. What are urban blocks? What are advantages of small urban blocks in a city?

3B. What are the major considerations to be taken to enhance pedestrianisation in a neighbourhood?

((2+3)+5 = 10 marks)

4A. Write short notes on any TWO of the following:

i) Behaviour observation/mapping ii) Ped-Shed analysis

iii) Legibility analysis

4B. Give a checklist of all the aspects to be studied while designing in context at neighbourhood level.

(2½ marks × 2)+5 = 10 marks)

5A. Who gave the concept of garden city? Explain the principles of garden city.

5B. Enlist the ten principles of New Urbanism.

((1+4) + (½ mark × 10) = 10 marks)

6. Suggest ten design ideas through concepts and sketches for the character of a Public Plaza in context of Manipal.

(10 marks)

