

Reg. No.

MANIPAL UNIVERSITY

SEVENTH SEMESTER B. ARCH. DEGREE EXAMINATION – NOVEMBER 2015

**SUBJECT: ARC 407 - PRINCIPLES OF URBAN DESIGN
(2010 SCHEME)**

Friday, November 20, 2015

Time: 10:00 – 13:00 Hrs.

Max. Marks: 50

- ✍ **Answer any FIVE full questions.**
- ✍ **The answers should be supported with sketches wherever necessary.**

1. Briefly describe the various characteristics and contributions of urban planning and urban design by the following:
 - i) Roman Civilization
 - ii) Medieval towns
 - iii) Indus Valley Civilization
 - iv) Any two utopian ideas after industrial revolution

(10 marks)

2A. Brief on Spiro Kostof's list of components that describe what a city is.

2B. Discuss with examples the evolution of public places as described in 'The City Assembled'.

(5+5 = 10 marks)

3. Elaborate any ten features with suitable illustrations about the considerations and design of streets in an urban area.

(10 marks)

4A. **Write short notes on:**

- i) Figure Ground Theory
- ii) Place Theory
- iii) Linkage Theory

4B. Describe the five elements of urban design.

(5+5 = 10 marks)

5A. State and explain the objectives of a good urban design.

5B. With appropriate sketch, describe how context, user attraction and safety is an important design aspect of public places.

(5+5 = 10 marks)

6A. "Urban Design is both a process and an outcome of creating localities in which people live, engage with each other, and engage with the physical place around them". Elaborate with examples where required with relevant sketches.

6B. State any three definitions of Urban Design and explain its relevance in today's context.

(5+5 = 10 marks)

