

MANIPAL UNIVERSITY**FIRST SEMESTER M. ARCH. (URBAN DESIGN & DEVELOPMENT)
DEGREE EXAMINATION – NOVEMBER 2017****SUBJECT: RESEARCH METHODS (ARM-629)**

Wednesday, November 15, 2017

Time: 10:00 – 13:00 Hrs.

Max. Marks: 50

✍ Answer any FIVE full questions.

✍ Assume suitable data wherever necessary.

1A. Explain Urban Design, what is difference between normative theories and functional theories of urban design.

1B. Explain Case study research method.

(5+5 = 10 marks)

2. Explain steps in analyzing the interviews during research process.

(10 marks)

3. Explain the following with examples:

3A. Inductive and Deductive research approach

3B. Independent and dependent variables

3C. Theoretical Framework

(3+3+4 = 10 marks)

4A. Describe how legibility in Indian Cities is inscribed, through examples.

4B. What parameters go in undertaking sustainable zoning for a city? Explain minimum ten indicators.

(5+5 = 10 marks)

5. The public square at Udupi Temple is undertaken for urban design improvement with a broad objective of better usability of the said space. A research scheme is planned by the design team. Explain the method, sampling type, checklist and parameters for observation.

(10 marks)

6. Elaborate the following (any FOUR)

6A. Ordinal scale

6B. Nominal Scale

6C. Triangulation

6D. Ratio Method

6E. Sampling

(2½ marks × 4 = 10 marks)

