

MANIPAL UNIVERSITY

FIRST SEMESTER M. ARCH. (URBAN DESIGN & DEVELOPMENT)
DEGREE EXAMINATION – DECEMBER 2015

SUBJECT: RESEARCH METHODS (ARM-629)

Wednesday, December 09, 2015

Time: 10:00 – 13:00 Hrs.

Max. Marks: 50

✍ Answer any FIVE full questions.

1A. Detail the 'Non- Physical' aspects an Urban Designer should research on, while redesigning an urban neighborhood.

1B. Explain briefly the role of Figure –ground mapping as a research technique while redesigning an urban neighborhood.

(5+5 = 10 marks)

2. Discuss briefly the steps required to thoroughly plan an effective Community Engagement approach for Stakeholder analysis.

(10 marks)

3A. Distinguish between the following:

i) Area Sampling and Cluster sampling with examples

ii) Purposive sampling and snowball sampling with examples

3B. Briefly discuss the different types of longitudinal surveys and cross sectional surveys with examples.

((2½+2½)+5 = 10 marks)

4. Differentiate the following with examples:

4A. Covert and Overt observation

4B. Design quality indicators

4C. Erosion traces and Accretion traces

4D. Time sampling and event sampling

(2½ marks × 4 = 10 marks)

5A. Illustrate and discuss the importance of morphological mapping for the understanding of an Urban Precinct.

5B. Explain the following:

i) Digital Terrain Model

ii) Illustration of five elements of a city

(5+(2½+2½) = 10 marks)

6. Suggest an appropriate methodology to conduct observations and document the user behavior at Tiger Circle in Manipal.

(10 marks)

