Reg. No.											

MANIPAL UNIVERSITY

SIXTH SEMESTER B. ARCH. DEGREE EXAMINATION – JULY 2017

SUBJECT: RESEARCH TECHNIQUES (ARC-14-308)
(2014 SCHEME)

Friday, July 14, 2017

Time: 14:00-17:00 Hrs.   Max. Marks: 50

✍   **Answer ANY FIVE full questions.**

✍   **Assume suitable data wherever necessary.**

1A. Explain the importance of Ethics in various stages of research process.

1B. Briefly explain 'logical argumentation' as a research method.

(6+4 = 10 marks)

2A. Discuss the advantages and disadvantages of case study research design.

(4 marks)

2B. Define Hypothesis. Discuss on the different types of hypotheses with examples.

(2+4 = 6 marks)

3. What is benchmarking? Explain how it facilitates building and energy efficiency market.

(4+6 = 10 marks)

4. Explain five different types of mean with their importance in different situation using relevant examples.

(2 marks × 5 = 10 marks)

5A. List the specific chapters/sections, which are mutually exclusive in Reports and Research papers.

5B. Discuss at least ten different features of APA formatting style.

(5+5 = 10 marks)

6A. Explain the guiding considerations in the construct of a questionnaire.

(4 marks)

6B. Elaborate on:

i)   Behavioral mapping

ii) Trace observation

iii) Time sampling and event sampling

(2 marks × 3 = 6 marks)

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