

**M. ARCH. SEM- II (SUSTAINABLE ARCHITECTURE) (2014
COURSE) (CBCS) : SUMMER - 2018
SUBJECT: RESEARCH DESIGN & METHODS**

Day: **Friday**
Date: **04/05/2018**

S-2018-3334

10.00 A.M. TO 12.00
Time: **NOON**
Max. Marks: 60

N.B.:

- 1) Solve any **THREE** questions from each section.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Answers to both the sections should be written in **SEPARATE** answer books.
-

SECTION- I

- Q.1** Describe the following terms: (10)
- a) Applied Research
 - b) Hypothesis
 - c) Induction
 - d) Informed consent
 - e) Descriptive research
- Q.2** Write short notes on: (10)
- a) Case study research
 - b) Ethics in research
- Q.3** Describe with examples importance of research in Architecture. (10)
- Q.4** Explain the significance of Literature review. (10)
- Q.5** Explain the main parts of a research report. (10)

SECTION-II

- Q.6** Describe the following terms: (10)
- a) Sampling Frame
 - b) Systematic sample
 - c) Ordinal variable
 - d) Intervening variable
 - e) Secondary data
- Q.7** Write short notes on: (10)
- a) Participant observation
 - b) Reliability and validity of research tool
- Q.8** Explain relative advantages of survey method against face to face interview. (10)
- Q.9** What are the various methods which can be used for heat gain studies in building envelope? (10)
- Q.10** Discuss measurement and scaling. (10)

* * * *
