

M. ARCH. SEM- II (SUSTAINABLE ARCHITECTURE)
(2014 COURSE) (CBCS) : WINTER - 2017
SUBJECT: RESEARCH DESIGN & METHODS

Day: **Friday**
Date: **10/11/2017**

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

W-2017-3264

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) Research
 - b) Null hypothesis
 - c) Deduction
 - d) Confidentiality
 - e) Pilot study
- Q.2** Write the difference between: **(10)**
- a) Pure research and Applied research
 - b) APA format and MLA format
- Q.3** Describe various areas of research in sustainable architecture. **(10)**
- Q.4** Explain the various stages of conducting research. **(10)**
- Q.5** Explain various ethical consideration in environment behavior studies in Architecture. **(10)**

SECTION-II

- Q.6** Describe the following terms: **(10)**
- a) Unit of Analysis
 - b) Purposive sample
 - c) Nominal variable
 - d) Extraneous variable
 - e) Archival data
- Q.7** Explain the difference between: **(10)**
- a) Probability and Non-probability Sample
 - b) Primary and Secondary Data
- Q.8** Discuss the various types of literature sources. **(10)**
- Q.9** Explain various types of visual research methods of architecture. **(10)**
- Q.10** Explain the meaning and significance of the central tendencies in data. **(10)**

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