

M. Arch. Sem- II (Sustainable Architecture) (2014 Course) (CBCS)

: WINTER - 2018

SUBJECT: RESEARCH DESIGN & METHODS

Day : Tuesday
Date: 27/11/2018

W-2018-3474

Time: 02.00 PM To 04.00 PM
Max. Marks: 60

N.B.:

- 1) Solve any **THREE** questions from each section.
 - 2) All questions carry **10 Marks**, Figures to the right indicate **FULL** marks.
 - 3) Both the sections written in **SEPARATE** answer books.
-

SECTION – I

- Q.1** Define following terms: (**Two** marks each) **(10)**
- a) Null Hypothesis
 - b) Correlation
 - c) Intervening variable
 - d) Reliability
 - e) Descriptive Research
- Q.2** Write short notes on the following: (**Five** marks each) **(10)**
- a) Weaknesses of Historic Research
 - b) Ethics in Research
- Q.3** What are the various referencing styles use in writing research report? Explain any one in detail giving example. **(10)**
- Q.4** Compare relative strengths and weaknesses of qualitative and quantitative research giving example. **(10)**
- Q.5** It is hypothesized that there is a direct correlation of distance of open spaces from houses and the frequency of using open space by the residents. Design a research giving details of aim, objectives, methods to be used & state the unit of analysis, independent & dependent variables. **(10)**

SECTION – II

- Q.6** Define following terms: (**Two** marks each) **(10)**
- a) Mailed survey
 - b) Citation
 - c) Convenience sampling
 - d) Ordinal scale
 - e) Snowball sampling
- Q.7** Write short notes on the following: (**Five** marks each) **(10)**
- a) Probability and non-probability sampling
 - b) Triangulation
- Q.8** Explain the significance of literature review in formulating research design. **(10)**
- Q.9** What are the various methods used for collecting data in qualitative research? Explain stating their merits and demerits. **(10)**
- Q.10** What is hypothesis testing? Suggest suitable test for testing hypothesis in the following case. **(10)**
Association of choice of color scheme (warm or cool) and gender