



**B.A. (Semester – V) Examination, October/November 2018**  
**PSYCHOLOGY (Paper – IX)**  
**Experimental Psychology**

Duration : 2 Hours

Max. Marks : 80

**Instructions :** 1) **All questions are compulsory.**

2) **Figures to the right indicate full marks.**

1. Write notes on **any four** of the following in about **100** words : **16**
  - i) Confounding variables.
  - ii) Dual process model of Kintsch.
  - iii) Signal detection theory.
  - iv) Merits and limitations of between subjects design.
  - v) Drawing conclusions from subject variables.
  - vi) Word frequency effect.
2. Write notes on **any four** of the following in about **100** words : **16**
  - i) Methodological articles and case studies.
  - ii) Arguments against research with animals.
  - iii) Ordinal scale.
  - iv) Protecting intellectual property rights.
  - v) Measures of central tendency.
  - vi) Normal distribution and its properties.
3. a) How is internal and external validity of experimental research established ? **12**

OR

b) Explain the Quasi experimental design and within the subjects design. **12**





4. a) Examine the methodological issues that arise when RT is used as a dependent variable. 12
- OR
- b) How does the staircase method differ from the method of limits in determining thresholds ? 12
5. a) Examine, with illustrations, the utility of graphical presentations of data in research. 12
- OR
- b) What is a parametric test ? What are the assumptions that underlie its use in studies ? 12
6. a) What care should a researcher take to ensure the accuracy of results and sharing of data published in a scientific journal ? 12
- OR
- b) Discuss the guidelines laid down by APA for the ethical use of animals in research. 12