



**B.A. (Semester – V) Examination, October/November 2016**  
**PSYCHOLOGY (Paper – IX)**  
**Experimental Psychology**  
**(New Course)**

Duration : 2 Hours

Total Marks : 80

- Instructions :**
- 1) **All questions are compulsory.**
  - 2) Questions 1 and 2 to be answered in around **100** words.
  - 3) Questions 3 to 6 to be answered in around **400** words.
  - 4) Figures to the **right** indicate **maximum** marks.

1. Answer **any four** from the following in around **100** words : **16**
  - a) Ordinal scale of measurement.
  - b) Hawthorne effect.
  - c) Independent variable.
  - d) Dual process model by Kintsch.
  - e) Method of constant stimuli.
  - f) Mixed designs.
2. Answer **any four** of the following in around **100** words : **16**
  - a) Data sharing.
  - b) Duplicate publication.
  - c) Deception in research.
  - d) Pattern recognition.
  - e) Effect of IV on DV.
  - f) Histogram.
3. a) Explain any four threats to internal validity of an experiment in research. **12**

OR

- b) Explain within subject and between subject experimental designs. **12**





4. a) Explain the problem of outliers in reaction time experiments. 12

OR

b) Explain the working of Donders' Subtraction method. 12

5. a) Discuss mean, median and mode as measures of central tendency. 12

OR

b) What is a parametric test ? Discuss the assumptions that must be met for a parametric test. 12

6. a) Discuss the APA guidelines for ethical research using animals. 12

OR

b) Examine the different types of articles in scientific journals. 12