



**Q.1. Give short answers of the following: (6x5=30)**

- 1- What are the limitations of the use of scientific method in Psychology?
- 2- How are hypotheses framed? What are the different types of hypotheses?
- 3- Differentiate between Basic and Applied research.
- 4- Define scientific research and explain the steps of psychological research process.
- 5- Define validity and explain different types of validity with examples.
- 6- Define following terms:
  - Informed Consent
  - Deception
  - Debriefing

**Q.2. Give brief answers of the followings. (3x10=30)**

1. Describe the major types of Research Design used in psychological research with an example of each research design.
2. Define sample selection? Discuss probability and non-probability sampling methods in detail.
3. Write a detailed note on APA ethical guidelines for conducting and writing the psychological research.