



PhD Entrance Test (Psychology)

Total: 100 marks; Time: 2 hours

NOTE: Answers for A] & B] are to be written on this sheet and returned to the invigilators with the answer sheets

A] Short answers (20 marks)

1. Classification of parametric tests is based on three aspects of experimental design

a. _____

b. _____

c. _____

2. The measures of variability are

a. _____

b. _____

c. _____

3. Certain instruments in psychology have been critical in contributing to our understanding of mind, mental activity and behavior. Can you list one underlying process/construct that each of these instruments have been widely used to study?

a. Stroop task: _____

b. Mirror drawing task: _____

c. Wisconsin Card Sorting Task: _____

4. Psychology field has produced some laws/principles, can you briefly explain those listed below?

a. Matching law: _____

b. Law of good form: _____

c. Yerkes-Dodson law: _____

5. Briefly state three key theories of emotion:

a. James – Lange Theory _____

b. Cannon – Bard Theory _____

d. Schachter – Singer Theory _____

B] Fill in the blanks (10 marks)

1. In visual perception there are two cortical pathways, the ventral pathway is specialized for _____ and the dorsal pathway is specialized for _____
2. While testing for statistical significance, as the degrees of freedom _____ the difference between means needed for significance _____
3. In test development, reliability coefficient is the ratio of _____ variance to the _____ variance of test scores
4. Confirmatory research is likely to utilize _____ sampling - exploratory research is likely use _____ sampling
5. Measure of central tendency used in parametric test is _____ and in non-parametric test is _____.

C] Short answers (30 marks; use separate sheet)

- i. What are the essential characteristics of a psychological test? Taking example of any 1 test describe these characteristics.
- ii. Discuss the status and challenges of Psychology in India
- iii. Explain the advantages of Focus group and survey method. Under what conditions should each one be used.

D]. With the help of literature that you encountered during your reading, state and defend your theoretical position on: (any 2: 20 marks; use separate sheet)

- i. Are functions of the frontal lobe unified?
- ii. Are emotions universal?
- iii. Are hemispheres functionally specialized?

E] Discuss (any one: 20 marks; use separate sheet)

1. What according to you is the most important recent theoretical debate in psychology?
2. Which classical theory of psychology do you think needs to be revised, and why?