

STD: XI

Mar Thoma Residential School, Thiruvalla

Psychology

Time: 3 hrs

Marks: 80

Section A

Part I (10 marks)

Answer all Questions

Question 1

Answer briefly all the questions:

[10]

1. Define Psychology.
2. What is meant by the term heredity?
3. What is meant by psychological tests?
4. Mention any two kinds of variables as found in experimental method.
5. What is meant by statistics?
6. Name any two psychologists who were part of the Gestalt school of Psychology
7. Name any two requirements of the experimental method in Psychology
8. What are autosomes?
9. Name the two methods of statistics used for the interpretation of data
10. Name any two types of observational methods in Psychology

Part II

Attempt any three questions

Question 2

- a. Explain the main features of the school of structuralism.
- b. Describe how Psychology can be applied in any five fields.

[5]

[5]

**Question 3**

- a. Describe any two hereditary related diseases
- b. How do hereditary and environment interact to produce behavior?

[5]

[5]

**Question 4**

- a. What is meant by scientific observation? How is it different from everyday observation?
- b. Explain the different types of psychological tests

[5]

[5]

**Question 5**

- a. What is a sample? Explain three different types of samples
- b. Explain the different measures of Central tendency along with one use for each of them.

[5]

[5]

**Section B**

**Part I (10 marks)**

**Answer all Questions:**

**Question 1**

**Answer briefly all the questions:**

[10]

1. State the determinants of Attention
2. Define Attention
3. What is After image?
4. What do you understand by the term Motion Parallax?
5. Name the two types of errors in Perception
6. Name a Psychologist who has been actively engaged in the investigation of ESP

7. Name the illusion in which the inverted T configuration produces the highest illusion magnitude
8. What is the term hue used to describe?
9. What is figure- ground relationship?
10. State the two Gestalt or Structural factors which influence Perceptual Organisation

## Part II

Answer the following:

### Question 2

- a. What is Attention? State the characteristics of Attention. [5]
- b. Explain the external determinants of Attention. [5]

### Question 3

- a. What do you understand by perceptual constancy? Analyse the various forms of perceptual constancy. [5]
- b. Write short notes on: [5]
  1. Colour Blindness
  2. Adaptation and After image

Or

3. Hue and Saturation
4. Monocular and Binocular cues

### Question 4

- a. On what do the primary distance cues depend on? Explain the four main primary distance cues [5]

b. 1. Write a short note on ESP

OR

2. Explain the Muller-Lyer Illusion