

PSYACOR01T

Unit-1: Introduction to Psychology

5 marks:

Write short notes on:

1. Nature of psychology
2. Scope of psychology
3. Applications of psychology in different fields
4. Observation method
5. Case study
6. Survey method
7. Clinical method
8. Correlational method
9. Psychodynamic perspective
10. Humanistic perspective
11. Behavioural perspective
12. Cognitive and biological perspective

10 marks:

1. Define psychology. Describe interview method in detail. 2+8
2. Describe experimentation method in detail with proper examples.
3. Discuss about the various branches/ subfields of psychology.
4. Delineate different perspectives on behaviour.

Unit-2: Perceptual Processes

5 marks:

1. What are the differences between sensation and perception?
2. Write short notes on:
 - a) Sensation
 - b) Law of Pragnanz
 - c) Figure and ground
 - d) Attention

10 marks:

1. Define sensation. What are the attributes of sensation? 3+7
2. Define attention. What are the determinants of attention? 3+7
3. What is perception according to Gestalt psychology?

Unit-3: Learning

5 marks

1. What are the factors that affect learning? Describe the factors briefly.
2. Write a short note on characteristics of learning.
3. Discuss the nature of learning.
4. Write a note on types of learning.
5. Write a short note on schedules of reinforcement.
6. Describe the principles of extinction and spontaneous recovery according to the theory of Pavlovian conditioning.
7. Describe the principles of shaping and chaining according to the theory of operant conditioning.
8. What are meant by the principles of generalization and discrimination?
9. State any five major differences between the theory of classical conditioning and instrumental conditioning.
10. What is observational learning? Briefly discuss the basic mechanisms of the theory of observational learning.
11. How can aggression be learned through observation?
12. Write a short note on the relation between observational learning and culture.

10 marks

1. Define learning. Delineate the principles of classical conditioning. Why is it called respondent conditioning? 2+6+2
2. Delineate the principles of operant conditioning. What do the terms 'operant' and 'instrumental' refer? 7+3
3. What does observational learning mean? Discuss the important principles of observational learning emphasizing the role of models. 4+6

Unit 4: Memory

5 Marks

1. Discuss the three processes of memory.
2. Draw a differentiation between iconic and echoic memory.
3. Describe working memory.
4. Write a short note on Maintenance VS Elaborative rehearsal.
5. Classify long term memory.
6. How do the retrieval processes of recall and recognition differ?
7. Briefly discuss serial position effect.

10 Marks

1. Define memory. Elucidate the Information -Processing Model.
2. Illustrate the types of memory.

PSYACOR02T

Unit 1 : Introduction to Biopsychology

5 Marks

1. Write a short note on nature and scope of Biopsychology.

Unit 2: Functioning Brain

5 Marks

1. Write a short note on refractory period.
2. Explain neural conduction.

10 Marks

1. Define Neuron. Describe the structure of a neuron with the help of a diagram.
2. Elucidate the function of neuron.
3. Define synapse. Describe the process of synaptic transmission.
4. Explain the process of EPSPs and IPSPs.

Unit-3 Organization of nervous system

5 Marks

1. What is the cerebellum? Discuss its functions.
2. Write the functions of the parietal lobe.
3. Write a short note on occipital lobe.
4. Discuss the functions of frontal lobe.
5. Write a short note on temporal lobe.
6. Differentiate between temporal lobe and frontal lobe.
7. Write a short note on hind brain.
8. Discuss the functions of spinal cord.
9. Differentiate between sympathetic and parasympathetic nervous system.
10. Differentiate between somatic and autonomic nervous system.
11. Write a short note on Peripheral nervous system(PNS).
12. Write a short note on Limbic system.
13. Write a short note on cerebrum.
14. Discuss the functions of autonomic nervous system.

10 Marks

1. Discuss the structure and functions of the forebrain in detail.
2. Elucidate the structure and functions of Central Nervous System (CNS).

Unit 4- Endocrine System

5 Marks

1. Briefly discuss the functions of Thyroid gland.

10 Marks

1. Discuss the Structure and function of Adrenal Gland.
2. Discuss the structure and functions of Pituitary Gland.
