

St. Xavier's College Jaipur

INTRODUCTION TO PSYCHOLOGY PSY-51T-101

QUESTION BANK

Unit I - Introduction

Section A - Very short answer type questions: to be answered within 20 words

1. Define the field of psychology.
2. Who were the founders of the following schools of psychological thought:
 - a) Structuralism
 - b) Behaviorism
 - c) Functionalism
 - d) Psychoanalysis
 - e) Gestalt Psychology
3. Who established the first psychology laboratory and in which year?
4. Which school of psychological thought primarily relies on case studies for data collection?
5. What are the merits of utilizing a questionnaire in psychological research?
6. Define the term "variable" in the context of research.
7. Differentiate between independent and dependent variables.
8. What is a quasi-experiment in psychological research?
9. How does a field experiment differ from a controlled laboratory experiment in psychology?
10. Why is psychology regarded as a scientific discipline?

Section B- Short answer type questions: to be answered between 50 - 100 words

1. Enumerate the principal functions served by an interview in research or investigative contexts.
2. Please articulate the distinctions between a formal interview and an informal interview.
3. Identify and elucidate the potential sources of error that may arise within the interview method.
4. Delineate the fundamental disparities between an experimental group and a control group in research.
5. Expound upon the limitations associated with the utilization of an interview as a research method.

6. Elaborate on the differentiation between participant observation and non-participant observation in the realm of research.
7. Describe the methodologies employed in training interviewers for proficient data collection.
8. How can relevant variables be effectively controlled in a research setting?
9. Provide a comprehensive elucidation on the limitations inherent in the case study method.
10. Clarify the research methodologies employed by structuralists and functionalists in their studies.

Section C - Long answer type questions: to be answered between 400 - 500 words

1. Elucidate the principles and tenets of the following schools of psychological thought:
 - a) Structuralism
 - b) Behaviourism
 - c) Functionalism
2. Write a critical evaluation of Gestalt psychology and Psychoanalysis as established schools of psychological thought.
3. Elaborate on the modern perspective utilized for the comprehensive understanding of psychology.
4. Provide a detailed explanation of the observation method, including its procedures and applications.
5. How can a case study be effectively employed as a significant technique for data collection in psychological research?
6. Expound upon the experimental method, encompassing its procedural intricacies and applications in psychological research.
7. What are the methodologies through which an experimenter can proficiently gather data utilizing survey methods in psychological research?

Unit II - Biological Basis of Behaviour

Section A- Very short answer type questions: to be answered within 20 words

1. Kindly provide concise definitions for the following terms:
 - a) Neuron
 - b) Dendrites
 - c) Axon
 - d) Glial cells
 - e) Axon terminals
 - f) Synapse
2. Elucidate the concept of neurotransmitters in neurobiology?
3. Define the nervous system and its pivotal role in physiological processes.
4. What is the speed at which messages are transmitted in a myelinated neuron?

5. What is the specific value and unit of electrical charge across the membrane at the resting potential of a neuron?
6. What is the master gland within the human endocrine system?
7. Provide a comprehensive definition of the endocrine system and its crucial functions in human physiology.
8. What is the corpus callosum?
9. Define the reticular activating system and its significance in regulating consciousness and arousal.
10. What is the ratio between glial cells and myelinated neurons in the human nervous system?

Section B- Short answer type questions: to be answered between 50 - 100 words

1. Explain the concept of graded potential in neuronal physiology.
2. Define and elaborate on the phenomenon known as action potential in neurobiology.
3. Elucidate the principle of an all-or-none response in the context of neural activity?
4. Provide a comprehensive explanation of the excitatory and inhibitory effects of neurotransmitters in synaptic transmission.
5. Differentiate between agonist and antagonist substances in their respective interactions with neurotransmitter receptors.
6. What is the nature and significance of endorphins in neurophysiology?
7. Articulate the distinctions between afferent and efferent nerve fibers in the context of neural pathways?
8. Elucidate the differences between the sympathetic and parasympathetic divisions of the autonomic nervous system.
9. Describe the specific functions attributed to the various lobes of the brain in cognitive and sensory processing.
10. Provide a detailed explanation of the anatomical structure and functional role of the limbic system in the human brain.

Section C - Long answer type questions: to be answered between 400 - 500 words

1. Elucidate the process through which messages are transmitted within a neuron.
2. Provide a detailed explanation of synaptic transmission and its crucial role in neural communication.
3. Expound upon the concept of neurotransmitters, including their primary locations and effects within the nervous system?
4. Elaborate on the intricate structure and multifaceted functions of the human brain.
5. Explain the vital functions that hormones serve within the human body.
6. Describe the specific roles and responsibilities of the autonomic nervous system in regulating physiological processes.

Unit III - Attention, Sensation and Perception

Section A- Very short answer type questions: to be answered within 20 words

1. Define Perception.
2. What are the characteristics of Perception?
3. What is Attention?
4. What do you mean by Sensation?
5. What are sensory receptors?
6. What are rods and cones?
7. Define constancy.
8. Define habituation.
9. What is dark adaptation?
10. What are saccadic movements?

Section B- Short answer type questions: to be answered between 50 - 100 words

1. Explain the processes of sensory adaptation.
2. Discuss factors influencing Perception.
3. Write a short note upon sensory thresholds.
4. What is habituation?
5. Write a note on size constancy.
6. Write a note on shape constancy.
7. Write a note on monocular cues.
8. Explain how light adaptation takes place.
9. Draw a detailed diagram of the structure of the eye.
10. Explain how sound travels and is processed through the different parts of the ear.

Section C - Long answer type questions: to be answered between 400 - 500 words

1. Discuss the factors influencing perception.
2. Elaborate upon the Gestalt principles influencing perception.
3. Elaborate upon the process of sensation.
4. Discuss the meaning and nature of attention.
5. Discuss the meaning and nature of sensation.

Unit IV - Personality

Section A- Very short answer type questions: to be answered within 20 words

1. Define personality.
2. What is an inventory?
3. What is projective technique?
4. What is a behavioural assessment?
5. Give an example of a projective test of personality.

6. What are traits?
7. What do you mean by trait theory?
8. What is a type?
9. What are Cardinal Traits?
10. What do you mean by type theory?

Section B- Short answer type questions: to be answered between 50 - 100 words

1. What is Allport's Theory of Personality?
2. What is Cattell's Theory of Personality?
3. What is the idea behind McCrae and Costa's theory of personality?
4. What are the uses of assessment of personality?
5. Write about the inventories of personality assessment.
6. What are the possible influences behind personality development?
7. Explain how self-assessment inventories can be used to assess personality.
8. Explain how behavioural assessment techniques can be used to assess personality.
9. Explain how Projective techniques can be used to assess personality.
10. Write a short note on personality.

Section C - Long answer type questions: to be answered between 400 - 500 words

1. Explain Allport's Theory of Personality.
2. Elaborate upon the trait theories of personality.
3. Elaborate upon the type theories of personality
4. Discuss about projective techniques of personality assessment.
5. Discuss about behavioural assessment of personality.