



Library
Brainware University
398, Ramkrishnapur Road, Barasat
Kolkata, West Bengal-700125

BRAINWARE UNIVERSITY

Term End Examination 2024-2025

Programme – M.Sc.(APSY)-2023/M.Sc.(APSY)-2024

Course Name – Applied Cognitive Psychology & Neuropsychology

Course Code - APSY101

(Semester I)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Write the name of cognitive approach which emphasizes the role of mental representations and information processing in problem-solving.
 - a) Behaviorism
 - b) Cognitive-behavioral therapy
 - c) Information processing theory
 - d) Psychoanalysis
- (ii) Identify the primary concern of cognitive psychology.
 - a) Understanding brain anatomy
 - b) Exploring conscious experiences
 - c) Studying social behavior
 - d) Investigating genetic factors
- (iii) Identify the type of memory involves remembering specific events and experiences.
 - a) Procedural memory
 - b) Semantic memory
 - c) Episodic memory
 - d) Working memory
- (iv) Which research method is commonly applied in biopsychology to study brain activity in humans?
 - a) Survey research
 - b) Case studies
 - c) Historical analysis
 - d) Functional magnetic resonance imaging (fMRI)
- (v) Which theory proposes that mental processes can be explained in terms of physical and chemical processes in the brain?
 - a) Dualism
 - b) Behaviorism
 - c) Materialism
 - d) Idealism
- (vi) Identify the part of a neuron which receives signals from other neurons or sensory receptors?
 - a) Dendrite
 - b) Axon
 - c) Cell body
 - d) Myelin sheath
- (vii) Evaluate the primary application of an oscilloscope when studying the nervous system.
 - a) Measuring hormone levels
 - b) Analyzing neurotransmitter release

7. Discuss the relationship between neurotransmitters and behavior. (5)
8. Illustrate the major components of brain. (5)
9. Explain the principles of Gestalt psychology and their application in understanding how we perceive and organize visual stimuli in our environment. (5)
10. Describe different types of brain scanning methods. (5)
11. Justify the relevance and significance of multiple intelligences theory in the modern educational landscape. (5)
12. Evaluate the concept of depth perception and its importance. (5)

OR

Compare and contrast the effectiveness of different methods for boosting creativity in individuals. (5)

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