Psychology Answer Key

1. Definition of Psychology: The scientific study of behavior and mental processes.

2. Correlations: A measure of the relationship between two variables (positive, negative, or none).

3. Different Fields of Psychology: Clinical, Cognitive, Developmental, Social, Biological, I-O Psychology, etc.

4. Know the Neuron: Basic cell of the nervous system; includes dendrites, soma, axon, axon terminals.

5. Components of the Scientific Method: Question, Hypothesis, Experiment, Observation, Analysis, Conclusion.

6. Phineas Gage: Survived a brain injury; demonstrated link between brain (frontal lobe) and personality.

7. Lobes of the Brain:
   - Frontal: Thinking, planning, personality
   - Parietal: Touch, spatial sense
   - Temporal: Hearing, language
   - Occipital: Vision

8. Transduction: Converting sensory input into neural signals.

9. Sensation vs Perception:
   - Sensation: Detection of stimuli
   - Perception: Interpretation of stimuli

10. Dreams: Sequences of thoughts, images, and emotions during sleep.

11. 2 Contents of Dreams:
   - Manifest: Literal storyline
   - Latent: Hidden meaning

12. Consciousness: Awareness of self and surroundings.

13. Sleep Disorders: Insomnia, sleep apnea, narcolepsy, night terrors.

14. Sleep Cycles: Repeat every ~90 minutes; includes NREM and REM stages.

15. REM (Rapid Eye Movement): Sleep stage with vivid dreams; body is paralyzed, brain active.

16. Hallucinogens: Drugs that alter perceptions (e.g., LSD, mushrooms).

17. Stages of Development: Prenatal -> Infancy -> Childhood -> Adolescence -> Adulthood.

18. Classical Conditioning: Learning by association (Pavlov).

19. Operant Conditioning: Learning through rewards/punishments (Skinner).

20. Learning: A permanent change in behavior due to experience.

21. Types of Ways to Test Memory: Recall, recognition, relearning.

22. Proper Sequence of Memory Process: Encoding -> Storage -> Retrieval.

23. Stages of Memory: Sensory -> Short-term -> Long-term.

24. Morpheme: Smallest unit of meaning (e.g., "un-", "-ed").