

PSYCHOLOGY

I. Nature and Scope of Psychology:

- Definition and scope
- Psychology as a Science
- Schools, Perspectives, and Models of Psychology
- Recent Trends

II. Biological Basis of Behavior:

- Nervous System
- Neuron and its function
- Central and Peripheral Nervous System
- Endocrine System

III. Sensation and Perception:

- Sensory process
- Perception
- Gestalt Principles
- Binocular and Monocular cues
- Illusions and Extra Sensory Perception
- Determinants of Perception

IV. Learning and Memory:

- Nature and Forms of Learning
- Types of learning: Classical and Operant Conditioning, Reinforcement, Extinction, Discrimination, Punishment, Observational Learning
- Theories of Learning
- Types of Memory
- Process of Memory, Forgetting
- Theories of Memory

V. Motivation and Emotion:

- Homeostasis
- Factors affecting Motivation
- Biogenic and Social Motives
- Measurement of Human Motivation
- Theories of Motivation
- Emotions, Types of Emotions
- Physiological changes in Emotion
- Theories of Emotions

VI. Psychological Assessment:

- Attributes of Psychological Measures
- Validity, Reliability, Item Analysis, Norms
- Modern Test Theory, Selection and Training
- Educational and Clinical Assessment
- Ethical and Legal Issues in Assessment

VII. Personality:

- Determinants of Personality
- Factors in Development of Personality
- Theoretical Perspectives
- Personality Assessment and Techniques
- Cross-Cultural Issues

VIII. Intelligence:

- Theories of Intelligence
- Types of intelligence (IQ, EQ)
- Assessing Intelligence

IX. Social Influence and Group Dynamics:

- Social Facilitation
- Attribution, Conformity, Obedience, Altruism, Attitudes
- Social Norms

X. Developmental Psychology:

- Physical, Cognitive, Social and Emotional Development in Childhood
- Adolescence, Adulthood and Old Age

XI. Abnormal and Clinical Psychology:

- Concept and causes of Abnormality
- Clinical Assessment and Intervention
- Different disorders such as Schizophrenia, Mood disorder, Anxiety disorder, Personality disorder, etc.
- Psychological treatment including different Therapeutic instructions

XII. Organizational/Industrial Psychology:

- Leadership styles, Decision making, Work motivation
- Organizational Culture
- Stress and Conflict at Work and its Management
- Organizational Socialization
- Job-related Attitude
- Sexual Harassment
- Glass Ceiling
- Human-Computer interaction

XIII. Health Psychology:

- Beliefs and Behavior
- Models of Health Psychology
- Assessment and Intervention
- Models of Stress
- Chronic and Terminal Illness
- Role of Social Support

XIV. Forensic Psychology:

- Psychology and Law
- Investigation, Confession, Eyewitness Testimony
- Working with Offenders
- Juvenile Delinquents, Drug Addicts, Sex Offenders etc.