

**THE NATIONAL COLLEGE
AUTONOMOUS
JAYANAGAR, BANGALORE-560070
DEPARTMENT OF PSYCHOLOGY
I Sem B.A., PSYCHOLOGY**

PAPER – I: FOUNDATIONS OF PSYCHOLOGY – I

UNIT – I: GENESIS AND GOALS OF PSYCHOLOGY (10 hours)

- Psychology: Emergence and Development; Definition and **Goals of Psychology- Understanding, Describing, Predicting and Control of Behaviour.**
- Key Perspectives: Psychodynamic, Behavioural, Humanistic, Biological, Cognitive and Indigenous Perspective.
- General, Bio–Physiological, Social, Child, Developmental, Abnormal and Cognitive Psychology.
- **Psychology as Applied Science: Introspection, Observation, Experimental, Clinical And Questionnaire Method.**

UNIT– II: BIOLOGY AND BEHAVIOUR (12 hours)

- Neuron: Structure and functions; Neural impulse; Synapse and Neurotransmitters
- Nervous system: Structure and Functions of Central nervous system and Peripheral nervous system
- **Methods of studying brain functions: invasion, lesion, ablation, chemical and stimulation method**

- Endocrine system: Functions and Effects: Pituitary, Thyroid, Parathyroid, Adrenal and Gonads

UNIT-III: SENSATION, ATTENTION AND PERCEPTION (10 hours)

- Sensation: Definition and Characteristics.
- Types of Senses and Receptors Involved in Each Sensation.
- Attention: Meaning and Phenomena (Span of Attention, Division of Attention, Fluctuation and distraction), Determinants: Objective and Subjective.
- Perception: Meaning and Characteristics, Gestalt Laws of Perceptual Organization.
- Depth Perception: Meaning, Perceptual Constancies, Monocular and Binocular Cues
- Errors in Perception -
 - 1) Illusion - Types - Horizontal-Vertical, Muller Lyer and Illusion of Movement.
 - 2) Hallucination- Visual, Auditory and Tactile

UNIT-IV: LEARNING (10 hours)

- Introduction: Definition, Factors Influencing Learning: Motivation, Reinforcement and Association.
- Types of Learning: Trial and Error Learning: Experiment and Laws. Classical Conditioning, Extinction, Spontaneous Recovery, Generalization, Discrimination, Higher Order Conditioning, Associative Learning
- Operant Conditioning: Experiment (experiment on Pigeons) Reinforcement, Schedules of Reinforcement, Shaping and Chaining.
- Cognitive Learning: Insightful (Kohler) and Observational (Bandura)

UNIT-V: MEMORY AND FORGETTING (10 hours)

- Memory: Basic Processes – Encoding, Storage and Retrieval.
- Types of Memory: Sensory Memory, Short-Term Memory Long-Term Memory, Working Memory, Semantic Memory, Autobiographical Memory and Flashbulb Memory.
- Techniques to Improve Memory: Mnemonics, Chunking, SQ3R (Survey, Question, Read, Recite and Review)
- Forgetting: Nature and Causes of Forgetting, Amnesia

