



Sikkim Manipal University
Sikkim Manipal Institute of Technology
Department of Psychology
Syllabus for PhD Entrance Exam

History and Methods of Psychology: Schools of Psychology, Goals of psychology, Methods of Psychology, Ethical issues in psychology.

Perceptual Processes: Gestalt and physiological approaches Perceptual Organization: Gestalt, Figure and Ground, Laws of Organization Perceptual Constancy: Size, Shape and Brightness, Illusion; Perception of Depth and Movements.

Learning: Classical & Instrumental learning: Procedure, Phenomena and related issues; Reinforcement and punishment; Verbal learning: Methods and materials, organizational processes.

Memory and forgetting: Encoding, Storage, Retrieval Stages of memory: Sensory memory, Short-term Memory (STM) and Long-term Memory (LTM); Theories of Forgetting: Interference, decay, retrieval, mnemonics.

Motivation and Emotion: Basic motivational concepts: Instincts, needs, drives, incentives; Biological Motives: Hunger, thirst, sleep and sex. Social Motives: Achievement, affiliation, Approval and curiosity; Physiological correlates of emotions Theories of emotions: James-Lange, Canon-Bard, Schachter and Singer; Conflicts & frustration.

Human Intelligence: Theories of intelligence; Individual and group differences; Measurement of human abilities ; Intelligence & Creativity.

Thinking and Language development: Mental image and Concept formation; Types of Thinking- Divergent & Convergent thinking, Reasoning; Problem Solving. Language development: Theories and stages of language development.

Personality: Determinants of personality; Theories of personality: Psychoanalytic, Neo-Freudian, social learning, trait and type, humanistic and socio-cultural; Personality assessment

Social Psychology: Social Perception & cognition, Social influence; Attitudes: Nature, formation and change; Stereotypes and prejudices, Groups & group behavior.

Industrial and organizational psychology: Selection processes in organization Organizational training Performance appraisal, Motivation and work, Leadership, Work environment Organizational behavior.

Psychopathology: Concepts, classification and causes, DSM Classification, Common clinical disorders,