

**FACULTY OF HEALTH SCIENCES(FoHS)**  
**SYLLABUS – Ph.D. ENTRANCE EXAMINATION**

**PSYCHOLOGY**

**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:** Biological, Social, Eco-cultural determinants; 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: Psychometric and projective tests; Self-concept: Origin and development.

**Measurement and Testing:** Standardization- Reliability, validity and norms; Types of tests: Intelligence, aptitude, personality; Attitude scales and interest inventories Educational measurement and evaluation.

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

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**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, Mental retardation. Therapeutic methods: Behavior therapy, Psychoanalytical and humanistic & existential.