

Syllabus for UNIRAJ MPAT (Paper II) | Subject:- Psychology

SECTION – A Basic Psychological Processes

1. Attention and Perceptual Processes- Concept and theories of attention. Approaches to the Study of Perception: Gestalt and Physiological approaches, Perceptual Organization: Gestalt, Figure and Ground, Laws of perceptual Organization, Perceptual Constancy: Size, Shape and Brightness, Illusion, Perception of Depth and Movements.
2. Learning Process: Classical conditioning: Procedure, Phenomenon and related issues. Instrumental learning: Basic variables and schedules.
3. Memory and forgetting: Memory processes: Encoding, Storage, Retrieval. Stages of Memory: Sensory memory, Short-term Memory (STM) and Long-term Memory (LTM). Episodic and Semantic Memory. Theories of Forgetting: Interference, decay, retrieval. Intelligence,
4. Intelligence, Thinking and problem solving. Concept and theories of intelligence. Theories of thought processes: Associationism, Gestalt, Information Processing. Concept formation: Rules and strategies. Reasoning: Deductive and Inductive. Problem-solving: Types and strategies. Role of concepts in thinking.
5. Personality: Determinants of personality: Biological and socio-cultural. Approaches to the study of personality: Psychoanalytic, Neo-Freudian, social learning, trait and type. Personality assessment: Psychometric and projective tests. Self-concept: Origin and development.

SECTION – B Research methods, Psychological testing and statistical methods in Psychology

1. Types of Psychological research: Experimental, Quasi experimental, Ex post facto and co relational research.
2. Research Design: Nature, Types: Between subject and within subject design, survey design.
3. Methods of data collection-Observation, Interview, questionnaires, case study.
4. Reliability: Methods of estimate, Validity: types, Norms: Types.
5. Parametric and Non parametric statistics, Correlation. Probability and non probability, sampling.

SECTION-C Application of Psychology

1. Psychopathology: criteria, classification DSM Nature, symptoms and causes of Anxiety based disorder: GAD, OCD, and Psychotherapies, Psychoanalytic and psychodynamic, Humanistic, Behaviour and cognitive therapies. Nature symptoms and causes of schizophrenia. And mood disorder.
2. Guidance: Objectives, assumption and principles. Counselling: Objectives, assumption and emerging trends, Techniques of Guidance and Counseling: Directive and Non-directive.
3. Organizational behaviour: organizational structure, communication in organization, leadership styles, organizational culture and climate, Organizational stress.
4. Positive Psychology: classification and measures of human strength. Positive emotional and cognitive states and processes, Positive environment.
5. Health Psychology: Social environment and health, work and health. Health promotion: behavior, change approach and self empowerment approach.

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12-3-2021
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