

ANDHRA PRADESH

RECRUITMENT OF ASSISTANT PROFESSORS IN THE UNIVERSITY

SYLLABUS FOR THE SCREENING TEST

Paper – II

Paper II will cover 180 Objective Type Questions (Multiple Choice, Matching type, True/False, Assertion – Reasoning type) carrying 180 marks of 3 hours duration. Each question carries 1 mark. There will be negative marks for wrong answers. Each wrong answer will be penalized @ 1/3rd of the marks prescribed for the question.

Psychology

1. Perceptual Processes

- Approaches to the Study of Perception : 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.
- Role of motivation and learning in perception.

2. Learning Process

- Classical conditioning : Procedure, Phenomena and related issues.
- Instrumental learning : Phenomena, Paradigms and theoretical issues.
- Reinforcement: Basic variables and schedules.
- Verbal learning : Methods and materials, organizational processes.

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.

4. Thinking and Problem Solving

- Theories of thought processes : Associationism, Gestalt, Information processing.

- Concept formation : Rules and strategies.
- Reasoning : Deductive and inductive.
- Problem – Solving : Type and strategies.
- Role of concepts in thinking.

5. Motivation and Emotion

- Basic Motivational Concepts : Instincts, needs, drives, incentives, motivational cycle.
- Approaches to the Study of Motivation : Psychoanalytical, ethological, S – R Cognitive, humanistic.
- Biological Motives : Hunger, thirst, sleep and sex.
- Social Motives : Achievement, affiliation, approval
- Exploratory behaviour and curiosity
- Physiological correlates of emotions.
- Theories of emotions : James – Lange, Canon – Bard, Schachter and Singer.
- Conflicts : Sources and types.

6. Human Abilities

- Intelligence : Biological, Social, Eco – cultural determinants.
- Theories of intelligence : Spearman, Thurston, Guilford.
- Individual and group differences : Extent and causes.
- Measurement of human abilities.

7. Personality

- Determinants of personality : Biological and socio – cultural.
- Approaches to the study of personality : Psychoanalytic, neo – freudian, social learning, trait and type, cognitive.
- Personality Assessment : Psychometric and projective tests.
- Self – Concept : Origin and development.

8. Research Methodology

- Research problems, hypothesis, variables and their operationalization
- Types of psychological research.
- Methods of Psychological Research : Experimental, Quasi – experimental, case studies, field studies and cross – cultural studies.
- Methods of data collection : Observation, interview, questionnaire, tests and scales. Non – parametric tests

9. Measurement and Testing

- UGC NET Test Construction : Item writing, item analysis.
- UGC NET Test Standardization : Reliability, validity and norms.
- Types of Tests : Intelligence, aptitude, personality – characteristics and important examples.
- Attitude scales and interest inventories.
- Educational measurement and evaluation.

10. Biological Basis of Behaviour

- Receptors, effectors and adjuster mechanisms.

- Neural impulse : Origin, conduction and measurement.
- Sensory system : Vision and Audition.
- Human nervous system : Structure and functions.