

Mohan Lal Sukhadia University, Udaipur
SYLLABUS FOR SCREENING TEST FOR THE POST OF ASSISTANT
PROFESSOR
PSYCHOLOGY

Unit - I

Biological Basis of Behaviour & Perceptual processes :
Receptors, effectors and adjuster mechanisms .
Neural impulse : Origin, conduction and measurement.
Sensory system : Vision and Audition.
Human nervous system : Structure and functions.
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 .

Unit - II

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 process.

Unit - III

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.

Unit - IV

Motivation, Emotion and Thinking :
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.
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.

Unit - V

Human Abilities and Personality:

Intelligence : Biological, Social, Eco-cultural determinants.

Theories of intelligence : Spearman, Thurston, Guilford.

Individual and group differences : Extent and causes.

Measurement of human abilities.

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.

Unit - VI

Research Methodology and Psychological Testing:

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.

Test construction: Item writing, item analysis.

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.

Unit - VII

Abnormal and Clinical Psychology :

Abnormal Behaviour : Concepts and Approaches, Classification System.

Causes of Abnormality : Biogenic, Psychogenic and Sociogenic.

Neuroses and Psychoses, Types, Etiology

Mental Retardation and Personality Disorders.

Psychosomatic Disorders.

Clinical Psychology : Concepts and Issues and Models, Community Psychology and Mental Health .

Therapies : Biological, Psychotherapy - Behaviour Therapy, Group Therapy, Family Therapy.

Unit - VIII

Social Psychology :

Social Psychology : Nature, Levels and Approaches and Methods.

Social Cognition : Person Perception, Self-Perception, Social Perception.

Attitude: Nature Formation, Measurement and Theories of Attitude Change.

Group Processes : Group Formation, Group Effectiveness and Group Cohesiveness, Group Dynamics.

Leadership : Nature, Types and Theories of Leadership.

Altruism and Aggression.

Environmental Psychology.

Unit - IX

Educational and counseling Psychology:

Educational Psychology: Nature, Scope, Problems and Methods, Teacher Effectiveness, Social Psychology of Education.

Motivation, Learning, Transfer of Learning, Creativity, Problem Solving, Verbal Learning.

Exceptional Children: Gifted, Retarded, Disturbed and Handicapped.

Counseling : Nature, Goals and Principles of Guidance, Roles and Functions of Counselors and their Professional training.

Approaches to Counseling: Directive, Non-Directive, Behaviouristic, Humanistic, Gestalt, Eclectic.

Techniques of Guidance: Group Guidance, Role Playing, Career Counseling, Case Study, Interview.

Areas of Counseling: Educational, Vocational, Personal, Occupational Guidance Programme.

Unit - X

Industrial and Organizational Psychology:

Industrial Psychology: Nature, Scope and Methods, Job Analysis and Personnel Selection.

Training and Development: Principles and Methods, Job Evaluation, Performance Appraisal.

Motivation and Work: Theories of Work Motivation-Maslow, Herzberg, Alderfer, McGregor, Vroom.

Leadership: Theories of Leadership, Job Satisfaction and Industrial Morale.

Work and Environment: Work and Fatigue, Man-Machine System, Human Engineering, Equipment Design, Environment Design, Industrial Accidents and Safety.

Management of Organizational Behaviour: Leadership and Management, Decision Making, Communication, Group Dynamics, Organizational stress and Mental Health.

Organizational Psychology: Types of Organizations, systems Approach, Behavioral Approaches, Socialization and Organizational Climate.

Note:- Pattern of Question Paper

1. Objective type paper
2. Maximum Marks :100
3. Number of Questions : 100
4. Duration of Paper : Two Hours
5. All questions carry equal marks

There will be Negative Marking