DEPARTMENT OF PSYCHOLOGY

M.A. Previous

There shall be four theory papers each carrying 100 marks and one Practical carrying 100 marks:

Paper I : Learning and Memory
Paper II : Perception and Thinking
Paper III : Motivation and Emotion
Paper IV : Methods of Psychological Research
Paper V : Practical (Experimental Lab. Work)

M.A. Final

There shall be two compulsory and two optional papers and practical.

Compulsory Paper :
Paper I : Experimental Social Psychology
Paper II : Environmental Psychology.
Paper III : Anyone of the following
2. Psycho-Diagnostics and Therapeutics
3. Life-Span Development
5. Instructional Psychology.

Paper IV : Anyone of the following
1. Organizational behavior
2. Community Mental Health
3. Mental Measurement.
6. Health Psychology.

Paper V : PRACTICALS

M.A. Previous

EXPERIMENTAL PSYCHOLOGY :

Learning and Memory :

A. LEARNING :
4. Verbal Learning : Methods and materials used in verbal learning, Results and problems, learning strategies, Nature of Associations in verbal learning.

B. MEMORY :
1. Memory and forgetting : The three analytic concepts - stage, encoding and task theories of forgetting - interference theory and stimulus encoding variability theory.
2. Sensory memory : Iconic memory - methods of study properties and the evolution of a process model, Echoic Memory - methods and properties.
3. Short-term Memory: The concept of encoding; Eidetic imagery; visual imagery and Pavio’s dual trace theory. Primary memory dual-process versus uniprocess controversy; and nature of forgetting in STM.
5. Semantic Memory: Types of semantic structures, activation of semantic structures, Memory of language, Text Processing.

BOOKS RECOMMENDED:

PERCEPTION AND THINKING:
PERCEPTION:
1. The problem of perception and basic psychophysics: The problem, theoretical status; Psychophysical Questions, Methods, Basic sensitivity of the perceptual system.
4. Perceptual constancies and form perception, space perception, constancies; lightness and size, illusions of size.
5. Stability - instability paradox, figure formation and organization principles, illusion-nature and theories.

THINKING:
1. Language and Thought: Language: Structure of language, language and Memory.
2. Concept formation: The representation of concepts, conceptual processes, How concepts are formed.
3. The structure of concepts, concepts and prototypes, conceptual rules.

BOOKS RECOMMENDED:

MOTIVATION AND EMOTION:
SECTION-A: A MOTIVATION
Unit I Motivation: Conceptual Analysis and Criteria.
Unit II  Levels of Motivation System; Reflexes; instinct; ethology and mechanisms, Drives; Drive Theory, empirical support and secondary drives, incentive, affects; fear, anxiety and conflicts; Effectance motivation and language.

Unit III  Interaction of Extrinsic reward with intrinsic motivation. The concept of Anasakti (detachment) in Gita.

Unit IV  Expectancy-Value theories; Basic assumptions. Atkinson’s Theory of Achievement motivation, Correlates of achievement motivation with special reference to Indian Studies, Power and Approval Motive.

Unit V  Attributional Theory of Motivation, Cognition and motivation, Kelley’s Personal construct theory, Causal antecedents; Motivational Dynamics of perceived causality; expectancy and self-esteem, Weiner’s Attributional theory of motivation.

SECTION-B: EMOTION

Unit I  Concept of emotion: Multiple approaches to the study of emotion.

Unit II  Physiology of emotion.

Unit III  Cognition and emotion: Contributions of Schachter, Mandler, Tomkins and Izard.

Unit IV  Emotional Expression and Recognition.

Unit V  Study of following Emotional Studies: Joy and Depression.

BOOKS RECOMMENDED:

METHODS OF PSYCHOLOGICAL RESEARCH:
1. Research Problem, Hypothesis, Sampling and Classification of Psychological researches, Experimental and correlational.
2. Experimental Research: Distinguishing features-manipulation, control and measurement of variables.
3. Experimental Designs with relevant statistics.
   (a) Between group: Two conditions and more than two randomized groups ; factorial design (Two and three factors).
   (b) Within groups: Two conditions and more than two conditions.
   (c) Mixed Design : Two matched group ; Randomized block designs ; Mixed factorial designs with replication on one or two factors.
5. Quasi-experimental Research Designs ; Correlational Researches, Distinguishing features and data collection techniques-interview, scales, questionnaires, observation systems, participant-non participant method of observation, Ex-post facto, Field studies, content analysis and survey.
6. Coefficient of correlation : Kendal’s tau, Partial correlation, the concept of partial correlation, statistical computation and its Limitations.
7. Methodological and ethical issues in Psychological research.

BOOKS RECOMMENDED:

Paper-V
PRACTICAL (EXPERIMENTAL LAB. WORK)

In this course of practical work each student shall be required to select a suitable experimental problem, design, and conduct and report at least one experiment from each section of first three theory papers. Thus each student shall have to complete six Experimental Studies under the supervision of the group teacher.

The Distribution of marks shall be as given below:
Design, Conduction and report : 40 Marks
Viva Voce : 40 Marks
Internal assessment based on work done during the session : 20 Marks

M.A. Final
Paper-1 Compulsory

EXPERIMENTAL SOCIAL, PSYCHOLOGY:
2. Person - Perception: Evaluating peoples, Explanation of impression-formation, Nonverbal behavior.
4. Attribution: Basic principles attribution about others; attribution about self, cognitive and motivational biases, illusion of control.
5. Attitudes: Determination and characteristics, origin and theories of attitudes.
6. Attitude change: A model of persuasion and processes, the communicator, communication, the target, the situations and their roles, attitude change through induced behavior, cognitive dissonance and self-perception theories. Attitude change over time.
7. Attitude and Behavior relationship: the Lapiere study and its extension strength, stability, relevance and salience of attitudes situational pressures ; the reasoned action model and its evaluation.
8. Interpersonal attraction: attachment and loneliness. Basic principles and theories of interpersonal attraction; Personal characteristics, similarity dissimilarity, familiarity and proximity.
10. Aggression: Definitions and distinctions: Sources of Anger, Learning Aggression, Aggressive behavior Media violence.
11. Pro-social behavior: basic definitions, bystander intervention; theoretical perspective on helping; The expense of receiving help.
12. Conformity and compliance and obedience to authority.
13. Behavior in group structure and dynamics : Group influence, Social facilitations, Social loafing, polarization, group think, mob-behavior, leadership contingency theory ; Bargaining and negotiation ; Inter-group conflict.

BOOKS RECOMMENDED:

**Paper-2**
**ENVIRONMENTAL PSYCHOLOGY:**
2. Research Methodologies in Environmental Psychology: experimental, correlational and descriptive methods of data collection in environmental Research, Evaluating the adequacy of environmental research, ethical considerations in Environmental Research.
7. Crowding, Concept, physiological and behavioral consequences, theories of crowding, overload, arousal, density intensify, behavior constraints, control; social interaction demand, sequential and eclectic, reducing the causes and effects of crowding.
8. Environmental psychology and community; Quality of life, social process and socialites, preventive intervention; social support and personal control: areas of intervention; Residential neighborhood and urban environments;
9. Changing behavior to save the environment: environmental education, prompt, reinforcement, techniques, specific environmental problems: Littering energy conservation, transportation and vandalism.

**BOOKS RECOMMENDED:**

**Paper-3**

**OPTIONAL PAPER (ANY ONE THE FOLLOWING)**

**APPLIED SOCIAL PSYCHOLOGY :**
2. Special Research designs : Quasi Experimental and evaluation research and related problems of validity and reliability.
4. Rural Development: Social psychological dimension, information, perception, motivation, attitudes, suggested remedies.
5. Applications to education : Understanding the social psychology of education the process of educational achievement, individual level factors-motivational attributional and personal factors, student teacher relations and teacher expectations, classroom as a group, classroom environment, cultural factors.
6. Mass communication : Background and issues : Social effects on children, mass media and violence, health and education.
7. Emergence and development of indigenization of psychology in India. Concepts, theories and tools.

**BOOKS RECOMMENDED :**
(II) PSYCHO DIAGNOSTICS AND THERAPEUTICS:
1. Nature of diagnosis, Referral questions, outline for a case study and the assessment process.
2. Methods of assessment (a) psychometric tests as clinical tools (Intelligence test, S.B., Weschler and test of special abilities) Projective tests, Rorschach test, Holtzman Ink Blot test, T.A.T.
3. The assessment interview, Research on the verbal and non verbal aspects of interview. Reliability and validity of interview.
4. Self report inventories, responses sets and bias, The use of MMPI.
6. Interpreting, synthesizing and communicating assessment findings.
7. Freudian Psycho-analysis.
8. Human Existential Psychotherapy ; Rogers and gestalt therapy.
10. Group and family therapy.
11. Psychotherapy; Studies of out come research.

BOOKS RECOMMENDED:

(III) LIFE SPAN DEVELOPMENT:
1. Life span development perspective : Major features, Approaches to the study of human development.
2. Longitudinal, cross-sectional approaches. Methodological issues in developmental studies; Experimental, Correlational, Observational method.

BOOKS RECOMMENDED:

(IV) **PERSONNEL MANAGEMENT AND HUMAN RELATIONS:**

1. Personnel Psychology and Industrial Organization; Constraints on personnel decisions.
2. Establishing role prescriptions: Job analysis, scope and methods and evaluations, job-families, designing and change organizations.
3. Management appraisal; Employee evaluation-Rating system and attitude surveys.
4. Personnel selection, validation models and latest techniques, Psychological Testing-abilities, skills and achievements constructions of new tests, reliability and validity procedures. Administrations of testing programs.
5. Management development and skill training.
6. Accidents and safety, Industrial clinical problems.
7. Personnel psychology and labor economics.
8. Input-output model for Human resources utilization.

**BOOKS RECOMMENDED:**


**INSTRUCTIONAL PSYCHOLOGY:**

1. Instructional Models and Objectives: A basic teaching model, Instructional Objectives; School and Behavioral task description and task analysis.
3. Instructional procedures and learning: Basic concepts and conditions, conditioning and verbal learning of psychomotor skills: Nature of skill learning, Psychomotor abilities, Instructions in skills, Learning of concepts and principles-nature and teaching.
4. Instructional technology: Definitions, programmed instruction on and instructional media.
5. Performance Assessment and Research: Construction and characteristics of tests, Uses and types of standardized tests, and interpretation of test scores: Nature, evolutional research and data analysis.

**(ANY ONE OF THE FOLLOWING)**

(I) **Organizational Behavior:**

1. Organizational Psychology-An overview of the field, Growth of the field of organizational studies.
2. Organizational Psychology-Definition and identification of organization, consequences of viewing organizations as open systems.
3. Defining characteristics of social organizations-The nature of social systems, major social system components, generic types of subsystems, the organization in relation to its environment. Organizational growth stages, kinds of growth, the dynamics of organizational subsystems, differentiation and integration, structural contingency approach.
4. Weick’s process approach - Weick’s criticism of contemporary approaches, Wiecks organization model.
5. Organizational role taking-organization as a system of role, research on role taking.
6. Power, authority and control—reduction of human variability. Authority; forms of authority, legitimacy, exercise of authority—Power—definition and types of power, bases of power. Control: meaning of organizational control, the control curve, hierarchical control organizations.

7. Motivational bases of organizational behavior, the ordering of motive patterns—Hertzberg’s two factor theory. Behavioral requirements for organizations: type of motivational pattern. Consequences of deferential motivational pattern.

8. Communication—Nature of communication in organization, characteristics of communication circuits, direction of communication flow, communication effectiveness.

9. Decision making: The decision making process, rationality and organizational decision making; factors affecting decision making.

10. Leadership, Approaches: the nature of organizational leadership, Models of organizational leadership; Ohio state and Michigan studies; Fielder; Vroom and Vetton, Katz and Kahn. Requirements for effective leadership.

11. Organizational conflict: Definition, Conflict as process, models of conflict, conflict management.

12. Organizational effectiveness—problems of definitions: Efficiency of organization, Efficiency and effectiveness, Maximization of return to organization.


BOOKS RECOMMENDED:

(II) COMMUNITY MENTAL HEALTH:
2. Issues of Research: Models and approaches in community Psychology.
4. The Psychology of Social Setting: Biological ecology, Environmental Psychology; Physical, economic and Psycho-Social environment. Implications for community intervention.
5. Principles and Methods of Community Intervention: Crisis Intervention, consultation, The Non-Professional in community Psychology, Mental Health Education.
7. Community Health Services to Special Groups: Children, adolescents and elderly people.
8. Mental Health Planning, policy development at national Level.

BOOKS RECOMMENDED:
(III) MENTAL MEASUREMENT:
1. Measurement: Nature of Psychological measurement Basic assumptions of test theory-obtained scores, true scores and error component.
2. Test construction: Steps involved in test construction: Statistical techniques used in item analysis, Standardization and norms.
3. Reliability of measures: Nature and Methods, Statistical criteria for parallel tests; effects of tests length and group heterogeneity on reliability of speed tests.
5. Psychological tests: Characteristics, classification and applications of tests, speed versus power tests.
6. Tests of general mental ability, Standford-Binet, WAIS, achievement and aptitude tests, DAT, differential testing of abilities.
7. Measurement of attitudes and interests, scaling techniques.
8. Basic statistics: Special correlation, partial and multiple correlations, procedure and application, factor analysis.

BOOKS RECOMMENDED:
1. Freeman : Theory and practice of psychological testing.
2. Anastasi : Psychological testing.
3. Cronabach : Essentials of Psychological testing.
5. Guilford : Psychometric Method.

(IV) SOCIAL PSYCHOLOGY OF EDUCATION:
1. The social psychology of education: Nature and framework, present status, and fields; systematic issues in social psychology of education.
2. Socialization: Relation with social system, social class and social structure: Early work and recent empirical findings.
3. Socialization and preschool education: Early experiences and school related abilities, timing of school related experiences; value and language experiences; compensatory programs.
4. The school as a social system: Elementary and secondary schools as the informal student society and the formal society and the formal adult structure.
5. Role relations in the education: Personality relations: The problem of learning, teacher and learner characteristics, cognitive and non cognitive dispositions; sources of conflict in school system.
6. The classroom as a social system: Observations and ratings of classroom behavior; Sociometric structure classroom climate, group process and interaction communication, Group size, cohesiveness, composition and leadership.

(V) LEARNING DISABILITIES AND DEVELOPMENT PROBLEMS:
SECTION-A : LEARNING DISABILITIES
2. Identification of Disorders Causing Learning Disabilities: Minimal Brain Dysfunction (MBD), Aphasia or Dysphasia, Dyslexia and Word-Blindness, Perceptual and Perceptual-Motor Impairment, Neurological impairment, Hyperkinesias.


SECTION-B: DEVELOPMENTAL PROBLEMS

2. Developmental Disorders: Their assessment, etiology and treatment. Mental Retardation: Moderate, severe and profound; Conduct Disorders: Impulsivity, delinquency, anti-social behavior; Anxiety and Phobias: Separation anxiety, over anxious, identity disorder; Disorders affecting physical functioning. Eating and sleep Disorders, elimination Disorders.

BOOKS RECOMMENDED:

(VI) HEALTH PSYCHOLOGY:

2. Systems of Body: Nervous system, Endocrine system, Cardiovascular system and Immune system: Physiology and dysfunctions causing chronic diseases.


BOOKS RECOMMENDED:
PAPER V: PRACTICALS

The students have to do two practical and viva-voce—one each from compulsory papers and one each from optional papers with 50 marks for each practical.