

**சென்னைப் பல்கலைக்கழகம்**  
**தொலைதரக் கல்வி நிறுவனம்**



**M.Sc. Degree Course in**  
**PSYCHOLOGY**  
**உளவியல்**

*Syllabus for Core Subjects*

**Non-Semester**

(Effective from the Academic Year 2005 - 2006)

**UNIVERSITY OF MADRAS**  
**INSTITUTE OF DISTANCE EDUCATION**  
CHENNAI - 600 005

**M.Sc. PSYCHOLOGY**  
**SCHEME OF EXAMINATION**  
**FIRST YEAR**

<b>Paper</b>	<b>Paper Title</b>	<b>Hours</b>	<b>Marks</b>
1.	Advanced General Psychology	3	100
2.	Developmental Psychology	3	100
3.	Quantitative Techniques for Psychology	3	100
4.	Advanced Social Psychology	3	100
5.	Motivation and Personality	3	100

**SECOND YEAR**

6.	Organisational Psychology and Consumer Behaviour	3	100
7.	Psychopathology and Crime and Delinquency	3	100
8.	Guidance, Counselling and Psychology of interpersonal Relationship	3	100
9.	Psychology Practicals	3	100
10.	Class Room Psychology	3	100

**PSYCHOLOGY PRACTICALS**

The marks for the Psychology Practical Examination shall be distributed as follows :

1. Plan and Procedure - 25 marks
2. Conducting the Experiment - 25 marks
3. Discussion and Interpretation - 25 marks
4. Record - 25 marks

Two external examiners will evaluate this.

# **INSTITUTE OF DISTANCE EDUCATION**

## **M.Sc. DEGREE COURSE IN PSYCHOLOGY**

### **SYLLABUS**

#### **FIRST YEAR**

#### **PAPER I - ADVANCED GENERAL PSYCHOLOGY**

##### **UNIT - 1 : THE WORLD OF PSYCHOLOGY**

**Definition of Psychology** : Sub-fields of Psychology - Experimental, Biological, Personality, Social, Clinical and Counselling, Development and Quantitative Psychology.

Methods in Psychology - Survey, Case Study, Naturalistic, Observation, Experiment.

##### **UNIT - 2 : BIOLOGY OF BEHAVIOUR**

**The Nervous system** : Communication in the Nervous system and interaction between neuron.

Neurotransmitters and its functions.

The Spinal cord and its functions.

The Brain and its functions.

The Endocrine systems and its functions.

### **UNIT-3: SENSORY PROCESS, PERCEPTION AND ATTENTION**

The Five senses - its characteristics.

Definition of perception.

Features of perception.

Approaches to perception.

Constructional view of perception.

Ecological view of perception.

Psychophysics.

Attention - Determinants of attention

Selective, focused and divided attention.

### **UNIT - 4 : LEARNING**

Definition of Learning.

Classical Learning.

Instrumental and Operant conditioning Learning.

Observational Learning.

Cognitive Process in Learning.

### **UNIT - 5 : MEMORY AND FORGETTING**

Types of Memory.

Stages of Memory.

Sensory Memory.

Short-term Memory and Long-term Memory.

Causes of forgetting.

Constructing Memory.

Improving Memory.

## **UNIT - 6 : EMOTIONS**

Emotions and the ANS.

Theories of Emotions.

Expression of Emotions.

Stress and coping styles.

Physical, Physiological

Psycho-social basis of stress.

## **UNIT - 7 : TESTING AND MENTAL ABILITIES**

Principles of Psychological Testing and its types.

Intelligence Tests - Definition of Intelligence.

Theories of Intelligence.

Creativity - Characteristics of Creative Person.

## **UNIT - 8 : THOUGHT AND LANGUAGE**

Thinking process - concepts, problem solving, decision making.

Language - Elements of Language, Understanding sentences and conversation stages of language development.

Acquiring of Language.

## **REFERENCES**

1. Bougles A. Bernstein; Edward J. Roy; Thomas K. Srull; Christopher D. Wickens, Psychology - 2nd Edition, Houghton, Mifflin Company: Boston. 1991.
2. Clifford T, Morgan, Richard A. King, John. R. Weisz, John Schopler (1996), Introducing to Psychology. 7th ed. McGraw Hill International Edition : New Delhi.
3. Baron, R.A. (1995) Psychology. New York : Harpet Collins, College Publishers.
4. Lefton, L.A. (1985) Psychology. Boston : Allyn & Baron.

## **PAPER II - DEVELOPMENTAL PSYCHOLOGY**

### **UNIT-1 : THEORIES AND METHODS IN DEVELOPMENTAL STUDIES**

Introduction to development psychology and its research methodologies  
Theories of human development.

### **UNIT- 2 : FOUNDATIONS OF DEVELOPMENT**

Hereditary influences on development; influences on prenatal development.

Birth and prenatal environment.

Physical and motor development.

Significance of development.

## **UNIT - 3 : EARLY COGNITIVE FOUNDATIONS**

Theories of cognitive development

Sensation, Perception and learning methods of studying infant perception

Visual perception, spatial and depth perception, auditory perception; Intersensory perception.

Environmental influence.

Language acquisition

Emotional development - etiology theories.

## **UNIT - 4 : SELF AND OTHERS**

Emotional Development

Understanding others' emotions and beliefs

Sex differences

Identity preference, prejudice and social stereotypes

Self-concept and self-esteem.

## **UNIT - 5 : SOCIAL DEVELOPMENT**

The development of pro-social behaviour and factors that influence it

The development of moral reasoning

Kohlberg's stages of moral development

The moral/conventional distinction.

## **UNIT- 6 : DEVELOPMENT FROM CONCEPTION TO SENESCENCE**

Conception, pre-natal, post-natal, infancy, childhood, puberty and adolescence, adulthood and old age.

### **UNIT - 7:**

Future perspectives in developmental Psychology.

## **REFERENCE**

Life-span Development by John W. Santrock. 6th Ed.

## **PAPER III - QUANTITATIVE TECHNIQUES FOR PSYCHOLOGY**

### **Unit - 1**

Introduction to Quantitative Method

Object of Measurement in Psychology

Tests as a tool measurement

Measurement in Psychology

Concept of objectivity

Types of tests.

### **UNIT - 2 : TEST CONSTRUCTION**

Topic Selection and Item Selection

Types of questionnaire

Types of responses

Likert's Attitude scale construction

Item Analysis

Item total correlation

### **UNIT - 3 : TEST STANDARDIZATION**

Inter rater reliability

Concept of reliability

Methods of Established reliability

Concept of validity

Type of validity

### **UNIT - 4 : RESEARCH DESIGNS**

Informal research designs

Pretest - Post-test Design Before and after with control, after control designs.

Experimental and Formal Research Designs

Randomized Group Design

Randomized Block Design

Latin Square Design

2\*2 Factorial Design

### **UNIT - 5 : DATA PROCESSING AND DATA ANALYSIS**

Introduction to Statistics

Definition and Scope of Statistics

Classification of Data

Tabulation of Data

Frequency Distribution

## **UNIT - 6 : DESCRIPTIVE STATISTICS**

Diagrammatic & Graphic Representation of the Data

Measures of Central Tendency

Measures of variability

Correlation Techniques

Association of Attributes

## **UNIT -7 : INFERENCE STATISTICS**

Normal distribution

Concept of Statistical Inference

Probability Theory

Logic of hypothesis testing

Procedures adopted in hypothesis testing

Type 1 and Type 2 errors.

## **UNIT- 8 : TEST OF SIGNIFICANCE - COMPUTATION AND INTERPRETATION**

Large Sample Tests

Small Sample Tests

F Test, Analysis of Variance - One way, Two way

## **REFERENCES :**

1. Statistics of Psychology of Education by Garret. 1956.
2. Statistics for the Behavioural Sciences - 2nd ed. James Jaccard, Michael and Becker, Wadsworth Publishing Company, 1980.
3. Measurements and Evaluation of Psychology and Education. 4th ed. by Robert L. Thorndike, Elizabeth P.Hagen, Wiley Eastern Limited : New Delhi, 1977.
4. Quantitative Techniques by Kothari. 1996.
5. Theory and Practice of Experimental Psychology by Freeman
6. Experimental Psychology by Edwards
7. Statistics Methods by Gupta
8. Research Methodology by Kothari
9. Statistics for Psychology and Education by Guilford.

## **PAPER IV - ADVANCED SOCIAL PSYCHOLOGY**

### **UNIT - 1 : INTRODUCTION**

The objectives and methods of social psychology

Levels of social behaviour

Scope of social psychology in modern life.

## **UNIT- 2 : SOCIAL MOTIVES, ATTITUDES AND LEARNING IN SOCIAL CONTEXTS**

Social motives and behaviour

The nature and measurement of attitude

Reinforcement and learning

Social learning through imitation

Attitude change

## **UNIT - 3 : COGNITIVE DISSONANCE AND PERSONALITY AS SOCIAL PHENOMENA**

Festinger's cognitive dissonance theory

Physiological changes due to cognitive dissonance

Theories of consonance and balance (Heider's, Newcomb's)

## **UNIT - 4 : ANTISOCIAL AND PRO-SOCIAL BEHAVIOUR**

Aggression and management

Altruism and helping behaviour

## **UNIT - 5 : GROUP PROCESSES**

Group formation and maintenance

Types of group

Group task performance, problem solving

Cooperation and competition - communication - empathy  
- Psycholinguistics

## **UNIT - 6 : SOCIAL INFLUENCE**

Social facilitation

Social Status

Social roles

Social conformity

Interpersonal attraction

## **UNIT - 7 : LEADERSHIP**

Definition and categories of leadership

Functions of leaders, types of leaders, personal characteristics of leaders.

## **UNIT - 8**

Application of Social Psychology in the Educational, Clinical and Military settings

## **REFERENCES**

1. MC David and Harari (1976) Social Psychology
2. Moghaddan, F.M. (1998) Social Psychology
3. Abrahamson, M. (1997) Social Research Methods
4. Shaw, M.E. (1995) group Dynamics.
5. Baron, R.A. and Byran, D. (2000). Social Psychology, New Delhi : Allyan and Bacon
6. Tedeschi and Lindskold (1978) Social Psychology

# **PAPER V - MOTIVATION AND PERSONALITY**

## **UNIT -1 : INTRODUCTION**

Basic Concepts of motivation (Instinct), (drive, need, value, motive goal)

## **UNIT - 2 : THEORIES OF MOTIVATION**

Definitions of Personality - Functions of personality theories (Subjective judgemental criteria, Logical-epistemic criteria, empirical criteria) - Native theories of Personality.

## **UNIT - 3 : PSYCHOLOGICAL ASPECTS OF MOTIVATION AND PERSONALITY**

Roles of the Central Nervous System and the Autonomic Nervous System in the regulation of motivation and formation of personality.

## **UNIT-4: THEORIES OF MOTIVATION AND PERSONALITY**

Psychoanalytic theories of S. Freud, C.G. Jung, A. Alder, H.S. Sullivan, K. Horney, E. Erickson and E. Fromm Cognitive theories.

## **UNIT - 5**

Morgan's Central Motive State, Atkinson's & McClelland's Theories of Need for Achievement.

Humanistic Theories of Carl Rogers & A Maslow

Factor Analytic theories - Eysenck's type theory & Cattell's Trait theory.

## **UNIT - 6**

Narrow Based Theories of Personality - Rotter's I-E Locus of control theory, Witkin's field dependence and independence theory Zukerman's sensation seeking theory.

## **UNIT - 7**

Assessment of Motivation

Psychological measures

## **UNIT - 8**

Personality

Projective and other paper-pencil measures.

## **REFERENCES**

1. Hall & Lindzey (eds) Theories of Personality Longman's Publication, Chennai.
2. Peck & Whitlow - Approaches to Personality, Essential Psychology Series, Penquin Publication, New Delhi.

## **SECOND YEAR**

### **PAPER VI - ORGANISATIONAL PSYCHOLOGY AND CONSUMER BEHAVIOUR**

#### **UNIT- 1 : INTRODUCTION TO ORGANISATIONAL PSYCHOLOGY**

An Overview - managing people at work

Organizational behaviour

## **UNIT - 2 : INDIVIDUAL PROCESS**

Foundations of Individual Behaviour

Abilities and Aptitude

Perception and Motivations

Personality and Performance

Managing Stress.

## **UNIT-3: INTERPERSONAL PROCESSES, GROUP DYNAMICS, COMMUNICATION**

Leadership and Decision Making

Human relations in Organisation

Team building development

## **UNIT - 4 : ORGANIZATIONAL PROCESSES**

Organizational Design and Structure

Culture and Change Management

## **UNIT - 5 : INTRODUCTION TO CONSUMER BEHAVIOUR**

The Study of Consumer Behaviour

Ethics in Marketing

Consumer Research Process

Market Segmentation.

## **UNIT - 6 : CONSUMER AS AN INDIVIDUAL**

Consumer Needs and Motivation

Personality and Consumer Behaviour

Consumer Perception

Learning and Consumer involvement

Consumer Attitude - Nature, Formation and Change.

## **UNIT-7 : CONSUMERS IN THEIR SOCIAL AND CULTURAL SETTINGS**

Family - Functions of the family

Family Decision Making

Social Class - Measurement of Social Class

Life Style Profiles of Social Classes

Group Dynamics and Consumer Reference Groups

Cultural Influences - Sub Culture - Cross cultural consumer behaviour.

## **UNIT-8 : THE CONSUMER'S DECISION MAKING PROCESS**

Models of Consumer Decision Making

Communication and Persuasion

Opinion Leadership Professes

## **REFERENCES**

1. Robbins Stephen P. Organizational Behaviour - 7th Edition, Prentice-Hall of India, New Delhi, 1997.
2. Fred Luthans, Organizational Behaviour - 5th Edition, (MC. Graw Hill Book Company, Singapore, 1989)
3. Gregory B. Northerft and Morgaret A. Neale. Organizational Behaviour (Holt, Rinchart, Euinssou, U.S.A., 1990)

4. Doh Hellriegel, John W. Slocum, Jr. and Richard W. Woodman, Organizational Behaviour - Latest Edition, (West Publishing Company, St. Paul, Minnesota, 1983).
5. John R. Schermerhorn, Jr., James G. Hunt, Richard N. Osborn. Managing Organizational Behaviour - Fourth Edition, (John Wiley and Sons, 1991).
6. Consumer Behaviour by Leon, G Leslie Lazer Kamel
7. Understanding the Consumer A Psychological Approach by David A. Statt.
8. Consumer Behaviour by Leon, G . Schiffman and Leslie Lazer Kanuk.

## **PAPER VII - PSYCHOPATHOLOGY AND CRIME AND DELIQUENCY**

### **UNIT - 1**

Signs and symptoms of mental illness - History taking and Mental Status Examination.

### **UNIT - 2**

Psychological models of Psychodynamic, Behavioural and Existential

### **UNIT - 3**

Anxiety disorders - Panic disorder and Agoraphobia - Specific Phobias - Social Phobia - Obsessive Compulsive Disorder - Generalized Anxiety Disorder - Post Traumatic Stress Disorder.

## **UNIT - 4**

Somatoform disorders - Dissociative disorders.

## **UNIT - 5**

Mood disorder - Dysthymia - Schizophrenia,

Personality disorders.

## **UNIT - 6**

Childhood disorders - learning disorders - pervasive developmental disorders - Hyper kinetic disorders - conduct disorders - Emotion disorders - Mixed disorders of conduct and emotions - old age disorders .

## **UNIT- 7 : INTRODUCTION TO PSYCHOLOGY OF CRIME AND DELINQUENCY**

Definition of crime and delinquency

Psychology applied to crime and delinquency

Relationship between criminology and psychology of crimes as a deviant behaviour

Concept of abnormality, types of abnormalities - Psychoses, Neuroses, Mental Retardation, anti-social Behaviour.

Mental illness and Crime

## **UNIT - 8 : FACTORS CONTRIBUTING TO CRIME**

Biological factors - Genetic factors

Psychological factors - learning, motivational, cognitive and emotional factors, personality factors.

Environmental factors - Psychological Repercussions of broken home, poverty, unemployment and under employment, drug addiction, influence of peer group and adult criminals on youth, mass media and their influences.

### **REFERENCES**

1. Adams HE & Sutker PB (1984) Comprehensive Handbook of Psychopathology. Plenum Press New York.
2. Tonge BJ, Burrows GD & Werry J.S. (Ed) (1990) Handbook of Studies on Child Psychiatry elsevier science, New York.
3. Gelder M. Mayou R & Cowen P (2001) : Shorter Oxford Textbook of Psychiatry 4th Edition. Oxford University Press, Oxford.
4. Abraham S.Blunberg (1976) - Current Perspectives on Criminal Behaviour. The Dryden press.
5. Shanmugam T.E. (1981) Abnormal Psychology, Tata Mc Graw Hill, New Delhi.
6. Hilgard, Atkinson and Atkinson (1975) Introduction to Psychology, Oxford IBH, New Delhi.

7. Clivet Hollin (1989) Psychology and Crime-An Introduction to Criminological psychology, Routledge London, New York.
8. Wicks, R.T. (1969) Correctional psychology Mac Millan New York

## **PAPER VIII - GUIDANCE, COUNSELLING AND PSYCHOLOGY OF INTERPERSONAL RELATIONSHIP**

### **UNIT-1 : COUNSELLING - NATURE, PROCESS AND SKILLS INVOLVED**

Approaches to counselling; group counselling characteristics of counsellor Ethical principles in counselling.

#### **Unit - 2**

**Educational guidance** - study skills training, programmed learning, preparing and appearing for examinations.

#### **Unit - 3**

**Vocational guidance** - choosing a vocation, Aptitude and Interests

The role of psychological tests in guidance and counselling.

#### **UNIT - 4**

**Application of counselling** - counselling adolescents regarding sexuality and substance abuse, family counselling.

## **UNIT - 5**

The Nature of Interpersonal Communication and Behaviour

Identity and Communication Behaviour

Assessment of Interpersonal Communication Style and Behaviour

Emotion and Interpersonal Behaviours and Communications

## **UNIT - 6**

Perception and Interpersonal Expectations

The Assessment and Development of Listening and Feedback Behaviour

## **UNIT - 7**

Effective and Non-effective interactions in Everyday Situations

Nonverbal Communication and Interactions

Relationship Development and Termination.

## **UNIT - 8**

Maintaining Interpersonal Relationships

Managing Conflict in Interpersonal Relationships

## **REFERENCES**

1. Nelson R. & Jones (1995). Theory and Practice of Counselling. London : Holt & Rinehart Winston Ltd.
2. Coreeg G. (1991) Theory and Practice of Counselling and psychotherapy 4th Ed. California : Brooks Cole Publishing Co.
3. Swaminathan VD & Kaliappan KV (1997) Psychology for effective living - Behaviour Modification, Counselling, Guidance and Yoga. Chennai : The Madras Psychology Society.
4. Patterson L.E. & Welfel EF (2000) The counselling process 5th Ed. California : Wadsworth.
5. Gudykunst, W.B., Ting-Toomey, S., Sudweeks, S., & Stewart, L.P. (1995). Building bridges : Interpersonal skills for a changing world. Houghton Mifflin Co.
6. Hargie O., Saunders, C., & Dickson, D. (1994). Social skills in interpersonal communication,. (Publisher)

## **PAPER IX - PSYCHOLOGY PRACTICALS**

### **OBJECTIVES**

To Orient the subject to simple tests assessments, relevant to their theoretical papers. To enable them to understand the principles of test administration, and its interpretation.

All practical sessions must see that the subjects take the test themselves and administer it on others. Participation in class activity is must.

## **INTERNAL ASSESSMENT INVOLVES**

Attendance, Record Work for Practical Writing, Conducting and Interpreting Results.

### **TESTS TO BE COVERED**

1. State and Trait Anxiety Scale by - Spielberger, D.
2. State and Trait Anger Expression Inventory (STAXI) by - Spielberger, D.
3. 16 PF by Cattell
4. Myer-Briggs Type Indicator
5. Work Motivation - by Agarwal
6. Personal Effectiveness Scale
7. Leadership Style Inventory
8. Quality of Work Life Inventory
9. Self Concept by Mohsin
10. Global Adjustment Scale
11. Emotional Intelligence by Danial Goleman
12. Thurstone Interest Schedule
13. Study Skill Inventory
14. Assertiveness Scale
15. Communication Skills

## **PAPER X - CLASS ROOM PSYCHOLOGY**

### **UNIT-1: CLASS ROOM BEHAVIOUR IN SCHOOL SETTING**

Social interaction between teacher and child

Influence of peer group

Conformity and non-conformity in schools

### **UNIT - 2 : NATURE OF COMMUNICATION**

Interaction analysis is communication

Social learning and role models

Friendship patterns in the classroom and sociometry scale.

### **UNIT - 3 : CLASS CONTROL AND MANAGEMENT**

Defining Problem Behaviour

Behaviour Modification techniques in classroom.

Merits and drawbacks of behaviour modification techniques

### **UNIT - 4 : GROUP BEHAVIOUR PROBLEMS**

School refusal problems

Use of punishment and reinforcement for class room management

### **UNIT-5: EDUCATIONAL GUIDANCE AND COUNSELLING**

Counselling in school - The problem of confidentiality -  
The importance of sympathy - The Counselling process -  
Categorizing the child's problem - The role of the counsellor  
- Problems facing the counsellor.

## **UNIT - 6**

Vocational Guidance - Developmental Stages in Career Choice - The role of Counsellor in Vocational guidance.

Sex Education for moral development and appropriate social behaviour

Role of teacher as an applied psychologist

## **UNIT - 7 : SKILL DEVELOPMENT**

Study skills development

Oral presentation skills

Written communication skills

## **UNIT - 8**

Assertiveness skill development

Goal setting skills

Positive thinking skills

Techniques of creative thinking.

## **REFERENCES**

1. Training in Management Skill by Philip L. Hunsaker, Prentice Hall, New Jersey 2001
2. Think like a Winner by Walter Doyle Staples. UBPSD, New Delhi 1996.
3. Psychology for Teachers by David Fontana, 3rd Ed. Palgrave : UK 1995
4. Modern Applied Psychology by Arnold P. Goldstein and Leonard Krasner. Pergamon Press, Inc. New York 1989.
5. Psychology Applied to Life and Work. 5th Ed. By Harry Hepner, Prentice-Hall : New Jersey, 1973.