

PSYCHOLOGY MA I - I

387-50-7-2003

02/MAPart-1-Psychology.pmd

M. A.—PART I

PSYCHOLOGY—SYLLABUS 2003-04

Paper - I Experimental Psychology

Paper - II Experimental Practical

OR

Advanced Social Psychology

Paper - III Research Methods and Measurement

Paper - IV Psychopathology

OR

Industrial Psychology

M. A.—Part I

Paper I - Advance Experimental Psychology

(60 Marks)

Section I

Unit 1, 2 & 3 each units

Weightage - 20%

Unit - 4 - 40%

Unit-I :

- (1) Experimentation in Psychological Research
- (2) Control of Relevant Variables
- (3) Classical Psychophysics and Signal detection theory
- (4) Scaling methods.

Unit-II :

- (5) Instrumental Appetitive Conditioning
- (6) Instrumental Adversive Conditioning
- (7) Operant Conditioning

Unit-III :

- (8) Verbal Learning
- (9) Retention and Forgetting in Verbal learning
- (10) Problem solving and Thinking.

Section II—(Statistics) (40 marks)

Unit-IV :

- (1) Product Moment Correlation (all formulas)
- (2) Tau
- (3) Coefficient Concordance (W)
- (4) T-Test
- (5) Chi-square
- (6) Signed ranks test
- (7) One way Analysis of Variance (F test).

Reference Books (Statistics)

- (1) Downie M. M. and Heath R. W. Basic Statistical Methods, New York, Harper International Student Print
- (2) Peatman : Introduction to Applied Statistics, New York, Harper and Row
- (3) Gudford J. P. : Fundamental Statistics in Psychology and Education, New York, Mc Graw Hill Book Co.
- (4) Allen Edwards : Statistical methods for Behaviored sciences, rechart and Co., New York 1954.

Reference Books (Experimental Theory)

- (1) D'Amato M. R. : Experimental Psychology - Methodology Psychophysics and learning, New York, Tokyo, Mc Graw Hill - Kogkusha, 1970 (International Student Edition (Chs 1, 2, 4, 6, 7, 8, 9, 10, 11, 12)
- (2) Under wood B. J. : Experimental Psychology (2nd Edition), New York, Appleton Century Crofts 1966, (Chs 1, 3, 4, 5, 6, 10, 11, 12, 13, 14)
- (3) Wood wroth and Schlosbag Experimental Psychology (Revised edition) Holt, rechart, Wintson, 1971.

Paper II : Experimental Psychology—Practicals

Any Eleven practicals and Four test exercises to be performed and Journals prepared :

- (1) Depth Discrimination - Comparison of the methods of Average Error and Constant Stimulus (w.r.s. 469; B. J. U. 135, MRD 129 & 148)
- (2) Verification of Weber Law - D. L. as a function of the standard Stimulus (w.r.s. 191 and 210; B.J.U. 164, MRD 154)
- (3) Span of attention for words and digits
- (4) Method of Minimal changes - Two point threshold for different areas of the skin (w.r.s. 196, B.J.U. 139, MRD 1218)
- (5) Judgement of time : Reproduction of filled and unfilled time intervals-for visual stimulus or for auditory stimuli (B.J.U. 49 and 166)
- (6) Efficiency of distributed and massed Practice (w.r.s. 787, B.J.U. 318)
- (7) Bilateral transfer-Mirror tracing or cup ball catching (w.r.s. 741, B.J.U. 330)
- (8) Transfer in Maze learning (w.r.s. 748)
- (9) Habit Interference (w.r.s. 763)
- (10) Serial Position effect in verbal learning (w.r.s. 711, B.J.U. 690, MRD 549)
- (11) Retention for completed and Interrupted Tasks-Zeigarnik effect (w.r.s. 692)
- (12) Retention as a function of meaningfulness (w.r.s. 731, B.J.U. 466, MRD 560)
- (13) Retroactive Inhibition (w.r.s. 761, B.J.U. 554)
- (14) Problem solving as a function of set-Asagrams or Water-Jar problem (w.r.s. 614, B.J.U. 383, 397)
- (15) Conditioning of hand withdrawal to Study the establishment and extinction of a conditioned hand withdrawal response (w.r.s. 572, B.J.U. 355, MRD 262).

Test Exercises

- (1) Kotis block design test
- (2) Alexander's pass along test
- (3) Stanford Binet (Indian Adaptation)
- (4) Portus Maze
- (5) Pintner Peterson performance scale
- (6) Drever-Collins performance scale
- (7) Draw-a-man test (Pramila phatak)
- (8) Bhatia-Test of Intelligence
- (9) Finger dexterity Test.

Books

- (1) Woodworth, R. S. and Schlosbery, A. : Experimental Psychology 2nd ed., Henry Holt & Co. 1954
- (2) Underwood, B. J. : Experimental Psychology, 2nd ed. Appleton Century Crofts. 1966
- (3) D'Amato, M. R. : Experimental Psychology McGraw Hill 1970
- (4) Osgood, C. E. : Method and Theory In experimental Psychology, Oxford Uni. Press, 1953
- (5) Kling and Rigg : Woodworth, R. S. & Schlosbery, A. : Experimental Psychology Revd. Holt. 1971.

Psychology—Paper II

✓ **Advanced Social Psychology**

Syllabus

Unit-1 :

- (1) Introduction to Social Psychology : Definition and scope of Social Psychology Social Psychology as a basic & applied Science. Relation to Psychology, Sociology and Anthropology. Methods of Social Psychology.
- (2) Cognition and its Social implications. Stimulus Organization. Learning and part—whole relationships. Cognitive change. Social Perception.

Unit-2 :

- (1) Interpersonal response traits, characteristics. Interaction with cognition and wants.
- (2) Attitudes : Definition, Nature and characteristics of attitudes. Methods of attitudes. Formation of attitudes. Changing attitudes.

- (1) Social Prejudice : Definition and origin of Prejudice - Stereotypes - Relation to Motivation, values, ego and self--Social Psychology in international relations.
- (2) Social Systems : Positions, Roles, Social class, caste, status. - Measurement of Social class. - Social Mobility.

Unit-4 :

- (1) Group and Organizations, Structure and Functions. - Group Ideology
- (2) Leadership : Nature, Characteristics, and types of leadership. Functions of leaders. - Leader - follower relations.

Unit-5 :

- (1) Effective group : Structural Characteristics, Interactions of members, Group Productivity, Group Cohesiveness.
- (2) Individual in group, Role behaviour and Personality, Group pressure and Conformity.

Basic Book

Individual in Society by Krech, Crutchfield and Ballachy.

Paper---III : Research methods & Measurement in Psychology

Unit-I :

- (1) Introduction to research, nature of research in behavioural science—The major steps of the research process.
- (2) Selection & formulation of research problem. definition, nature - characteristics of a research problem nature of research hypothesis - sources of research hypothesis - varieties of research hypothesis. Theoretical and Operational or Working Definitions in Research.

Unit-II :

- (1) Varieties of Research Studies - Exploratory studies - fields of exploratory study - nature of and limitations of exploratory studies—nature, scope and limitations of descriptive research.
- (2) Causal studies - necessary and sufficient conditions - description and evaluation of various types of experiment - designs - their limitations - evaluation of the field experiment its scope and nature.

Unit-III :

- (1) Methods of data collection-unstructured and structured observation-questionnaire, their construction, applicability and limitations interview - evaluation of interview as a method of data collection projective techniques their scope and limitations.
- (2) Available data as source material, statistics, documents, records, registration and census data, In diacs, autobiographics, diaries and personal documents as source material for research.
Newer social methods - Life history metaanalysis, simulation and games.

Unit-IV :

- (1) Psychological test as a source of data collection : Definition-Types and characteristics of a good test.
- (2) Test standardization, content, item analysis, cross-validation-types of norms. Reliability and validity of test-Administration-Scoring and Interpretation of test scores.

Unit-V :

- (1) Sampling-Probabilistic and Non-probability. Requirements of sampling-Errors in sampling.
- (2) The Research Report-Varieties of Reporting Necessity of Reporting. Application of Research Theory and Practical Significance of Research.
- (3) Computer application in Psychological Research.

Books

- (1) Freeman, F. S. : Theory and Practice of Psychological testing : New York, Holt 3rd Ed. 1961
- (2) Festinger L and Katz D : Research methods in the behavioural Sciences New York Dryden 1953.
- (3) Selltiz, C. Jahoda, M. Deutch, M. and Cook S.W. Research methods in social relations new York, Holt, 1959.
- (4) Underwood, B. J. : Psychological Research New York Appleton Century 1957.
- (5) Kerlinger, F. N. Four.dation of behavioral Research New York Holt, Rinehart and Winston.
- (6) Elemen, D. G., Kantowitz, B. H. (1989) Research methods in Psychology, New York West Publishing.

Unit-I :

- (1) **Abnormal Psychology :**
 - What do we mean by Abnormal Behaviour ?
 - Classifying abnormal Behaviour ? (Pgs 3-16)
- (2) **Consal Factors and View points in Abnormal Psychology**
 - Biological
 - Pychosocial
 - Socioculture (Pgs 68-80/96-107/112-113)
- (3) **Stress and Adjustment Disorders**
 - What is stress ?
 - Effects of sevrce stress
 - Adjustr ient Disorder
 - Post-traumatic stress disorder (Pgs 120-148)

Unit-II :

- (4) **Panic, Auxiety and their disorders (Neuroses)**
 - Phobic, disorders
 - Generalized Auxiety disorder
 - Obsessive-compromises disorder
 - General causes (Pgs 158-204)
- (5) **Eating disorders and other Psychological compromises of Physical health (Psycho-somatic ferm)**
 - Eating disorders (Pgs 295-320)
- (6) **Somatoferm disorders (Pgs 267-279)**
- (7) **Dissociative disorders (Pgs 280-289)**

Unit-III :

- (1) **Mood disorders and swide (Pgs 209-262)**
 - What are mood disorders ?
 - Unipolar mood disorders
 - Bupolar mood disorders
 - Consal factors
 - Treatment and Outcomers swide
- (2) **Schizophrima and Delusional Disorders (Paeanoia)**
 - The Schizophrimas
 - Clinica l picture in Schizophrima
 - Subtypes
 - Consal factors
 - Treatn ent and outcomes
- (3) **Delusional disorder (Paeanoia) (Pgs 462-500)**

Unit-IV :

- (1) **Personality disorders (Pgs 334-368)**
 - Clinical featnes
 - Types
 - Causes
 - Antisoual personality and Psychopathy
- (2) **Substance Related and other Addretive disorders**
 - Alcohol Abuse and Dependence
 - Drug Abuse and Dependence (Pgs 374-408)
- (3) **Sexual varants, Abuse and Dysfunctions**
 - Types (Pgs 424-448)
 - Abuse & Dysfunctions (452-458)
- (4) **Brain disorders and other Logmative Impairments**
 - Brain Impairments

.. Part - I : Psychology

- Mental Retardation (Pgs 504-533)
- (b) Disorders of Childhood and adolescence
 - Disorders of Childhood
 - Autism (Pgs 547-564, 565-569)

Unit-V :

- (1) - Clinical Assessment and Prevention
 - Basic elements in Assessment
 - Assessment of the Physical Organism
 - Psychosocial Assessment (Pgs 585-609)
- (2) Organized efforts for Mental health (Pgs 711-715)

Basic Book

- (1) Coleman - James C. Chicago, Scott Abnormal Psychology and Foreman Modern Life (Latest edition)
- (2) Abnormal Psychology and Modern Life
Carson Butcher Mine Ka Eleventh edition

Reference Books

- (1) Strange
- (2) Page

Paper IV : Industrial-organizational Psychology

Unit-I :

- (1) Scope of Industrial Psychology
- (2) Job analysis - Design of Jobs and Human factors engineering.

Unit-II :

- (1) Fatigue and related Phenomena
- (2) Error, Accidents and safety

Unit-III :

- (1) Supervision
- (2) Industrial Relation-Trade union and Bargaining Process.

Unit-IV :

- (1) Special groups in Industry
 - (a) The Handicapped
 - (b) Women
 - (c) Aging Persons
 - (d) Unemployed
- (2) Attitude, Motivation and Job-satisfaction

Unit-V :

- (1) Wage structure and the problem of incentive.
- (2) Consumer and Marketing psychology.

Books

- (1) Van Hallar Gilmer : "Industrial and Organization Psychology." New York McGraw Hill 1971 (Ch. 1, 2, 7, 9, 10, 11, 15, 16, 17, 18, 19)
- (2) Van Hallar Gilmer : 'Industrial Psychology' (2nd Ed.) New York McGraw Hill (Ch. 1, 5, 8, 10, 11, 12, 13, 15, 16, 17)
- (3) N. R. F Maier : Industrial Psychology (3rd Ed., New Delhi, Oxford FBH Co. 1970 (Chs. 1, 3, 11, 13, 14, 15, 16, 17, 18, 19)
- (4) J. Tiffir & B. J. Mc Commick "Industrial Psychology" New Delhi, Prentice Hall, India 1991 (Ch. 1, 3, 11, 12, 14, 15, 16, 17, 18, 19)
- (5) Blum, M. L. and Naylor, I. C. "Industrial Psychology" Its Theoretical and Social Foundation, New York, Harper and Row 1968 (Chs. 11, 12, 14, 18)
- (6) Anastasi, A. Fields of Psychology, New York McGraw Hill (Chs. 10, 11, 12).