

Solapur University, solapur

M.A. Part – I

Psychology

Revised Semester Pattern – Syllabus

Semester I & II

(W.e. f. June 2013-14)

Semester – I

| Group | Paper No | Paper title | Marks |
|-----------|-------------|--|-------|
| Group – F | Paper - I | Research Methodology and Statistics for Psychology | 50 |
| Group – F | Paper – II | Personality Psychology | 50 |
| Group – F | Paper – III | Cognitive Psychology | 50 |
| Group – F | Paper – IV | Experimental Psychology - Practicum | 50 |

Semester – II

| Group | Paper No. | Paper title | Marks |
|---------|-------------|--|-------|
| Group F | Paper – I | Research Methodology and statistics for Psychology | 50 |
| Group F | Paper – II | Personality Psychology | 50 |
| Group F | Paper – III | Cognitive Psychology | 50 |
| Group F | Paper – IV | Psychological Assessment – Practicum | 50 |

M.A. Psychology

(Revised Semester Pattern Syllabus)

W.e. from June 2013

1) Title of the course :- M.A. I Psychology (Revised syllabus) 2013-14

2) Introduction :-

M.A. Psychology the four semester course that aim providing specialization in streams of psychology students, The learner can opt for specialization in clinical, Industrial, and counselling psychology.

M.A. Post graduate Psychology course includes comprehensive theoretical, and applied. Through Study of psychology as deadline at advanced level. M.A. Psychology degree course cover the study of mind process, theoretical perspective and empirical findings of cognitive Psychology based on application. It also covers relationship between memory emotion, and cognition. M.A. Psychology degree course covers different area of experimentation and Psychological assessment. This degree course study includes clinical intervention, psychotherapies, psychopathology in modern society. This course provide broad training to the student toward marketing psychology knowledge and become professional psychologist or trainer.

3) Objectives of the course :-

- a) Appreciate basic assumptions principles, roots of modern scientific and applied psychology.
- b) Helping students to acquire knowledge and cognitive research and insight in the clinical, industrial, counselling psychology.
- c) To train the students in various psychotherapies, selecting and applying different tests for different purpose.
- d) To explain the contemporary theoretical development in modern psychology.

- e) To make students understand the human cognition, emotion and various psychological mental disorder and clients.
- f) This course deals with specialized areas of counselling, psychotherapies, psychometric techniques and methods, interventions and rehabilitation methods.

4) Advantage :-

- a) M.A. Psychology degree serves as basis of further higher study and research in the field such a Ph.D. M. phil.
- b) Once completion of M.A. Psychology in any Specialization, students can apply for NET, SET examination. The success in these examination makes teaching or research as good option.
- c) M.A. degree holder can opt for further higher studies and career in various specialized fields like clinical, industrial, Educational, counselling, rehabilitation.
- d) M.A. degree holder in specific specialization has opportunities in further job like clinical psychologist, counselling psychologist, child psychologist. Industrial psychologist Neuropsychologist, school psychologist Rehabilitation psychologist, career counsellor, child care worker. Child support specialist, special educational teacher. Psychiatric assistant. Social worker, community relation officer, Psychometric specialist; psychiatric technician, psychotherapist, Behaviour Specialist, Human resource assistant, caregivers, public relation officer.
- e) Successful completion students have opportunities in various employment areas such as Mental hospitals. Child youth guidance centre. Community mental health centre, Defence force personal Administration organization, college, Universities, specialized schools. Private practice in psychometric centre, and Research establishment.

5) Eligibility –

Passed a graduate degree (10+2+3) with psychology or B.A or passed entrance examination in psychology (any graduate any faculty of any university or its equivalent) The entrance examination format includes the essay type six questions with internal options caring the weight age 15 marks each. For question 7 two short notes with 4 options caring the weight age of 5 marks each. Total 100 marks for entrance examination. Maximum passing for 40 marks for entrance examination. The questions related to subject knowledge will be based on the undergraduate syllabus of the university like General Psychology, Human development, child psychology development. Industrial psychology, Applied psychology, cognitive, social, Abnormal, psychological testing and experimental psychology. The duration for entrance examination is 3 hours. The admission for BA psychology specialization students in based on merits and reservation rule. Student qualifying in the entrance examination will be admitted as per merit from the seats vacant at the centre.

6) Duration –

The duration for the programme two years four semester pattern.

7) Medium of Instructions – English, Marathi.

8) Structure of course

- 1) M.A. Psychology comprises a total four semesters with specialization in clinical, industrial and counselling psychology. For M.A. part I psychology comprises two semesters. For semester I three theory papers (Gr. F. I, II, III) and one practicum paper (Gr. F. Papers IV) having weightage 50 marks each. For semester – II having three theory papers (Gr. F – I, II, III) and one practicum paper (Gr. F. paper IV) having weightage, 50 marks each. For semester I practicum paper (Gr. F. - IV) students will have

performed any 8 practical from prescribed syllabus and synopsis submission and presentation. For Semester II practicum paper (Gr. F - IV) students will have performed and 8 psychological tests from prescribed syllabus and complete one small research project relating to special psychological problem under the supervision of teacher. The Practicum examination of semester I / II for paper Gr. F. paper IV having weightage for 50 marks each which is distributed in prescribed syllabus.

After completing M.A. I psychology students have specialization is only clinical psychology for M.A. part II for semester III and semester IV.

Semester – I

M.A. I – Psychology

Group F – Paper I – Research Methodology and statistics for psychology

Objectives –

- 1) To acquaint the students with basic research process, research design and types of investigation that they can follow the research report and papers in different the students of psychology.
 - 2) To acquaint the students the APA style of preparing research proposal, interpretation of research report.
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Unit – I Research Process

- 1.1 Scientific research, problem selection & Definition's
- 1.2 Hypothesis – Definition of problem types, & characteristics
- 1.3 Variable – Definition, types of variable.
- 1.4 Sampling – Definition, principles, Types probability & non-probability sampling.
- 1.5 Data collection methods : Interview, questionnaire & observation and survey

Unit – II Design of research

- 3.1 Meaning, purpose and Principles.
- 3.2 Inadequate Design and Design criteria
- 3.3 General Design research.
- 3.4 Research Design and Application randomize group.
- 3.5 Research Design and Application correlated

Unit – III Types of Investigation

- 2.1 Controlled Lab Experiment
- 2.2 Field Experiment

2.3 Ex-post facto research, Lab & Field studies.

Unit – IV Research Proposal, Interpretation & Role of computer

4.1 APA format of research proposal & research Report.

4.2 Meaning of interpretation, why interpretation?

4.3 Technique and precisions in interpretation

4.4 Computer system.

4.5 Computer and Research

Semester – II

M.A. Part I – Psychology

Group F – Paper I – Research Methodology and statistics for Psychology.

Objectives –

- 1) To help the students concepts of statistics, application of satiation methods with use and interpretation.
 - 2) To develop computational skills in the students and enable them to analyze data of practical, project work.
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Unit – 1 Normal Curve and Hypothesis Testing

1.1 Normal Curve

1.2 Probability

1.3 Worked out Problems

1.4 Hypothesis testing process

1.5 One tailed and two tailed hypothesis tests

1.6 Decision Error

1.7 Example worked out problem.

Unit – 2 Inferential Statistics

- 2.1 Two group difference Test of dependent means – Distribution, Hypothesis, Assumptions, worked out problem, T test for independent means – Distribution, Hypothesis, assumptions, worked out problem.
- 2.2 Correlation – The scatter diagram, correlation co-efficient, product moment. Partial, Biserial correlation.

Unit – 3 Regression and Analysis of Variance

- 3.1 Regression Analysis – Linear Regression (OLS) Multiple Regression, Logistic Regression
- 3.2 Assumptions of Analysis of variance. (AAOVA)
- 3.3 One way Anova – dependent and independent.
- 3.4 Two way Anova – independent samples
- 3.5 Analysis of covariance (ANCOVA)
- 3.6 Multivariate analysis of variance (MANOVA) Multivariate analysis covariance (MACOVA)

Unit – 4 Non-parametric statistics

- 4.1 Chi Square test - for goodness and independence Mc Nemar Test
- 4.2 Spearman, rho,
- 4.3 Mann Whitney U Tests, median test ,
- 4.4 Sign-test, Wilcoxon sign-Rank test, wald- wolfowitz
- 4.5 Krushal Wallis test, Kolmogrov smirov test (KS)- one sample and two sample test.

Note for paper setter –It is recommended that small value for computation be given and that of log, square, square root and statistical tables be given for use. Use of non-scientific calculators during examination is allowed.

Book for study

- 1) Fred N. Kerlinger (2005) *Foundation of Behavioural Research surjeet Publications. IInd Edi*
- 2) C.R. Kothari, *Research methodology methods & Techniques. IInd Edi wiley Eastern Limited.*
- 3) John W. Best, James V. Kahn, *Research in Education 9th Edition Pearson Prentice Hall Public.*
- 4) Aron and coups (2012) *statistics for psychology 4th Ed; Third compression person, New Delhi.*
- 5) Howell DC (2009) *statistical Methods for psychology. 7th wadsworth.*
- 6) Giford J.P. Fractor B (1978) *fundamental satiation for psychology and education N.Y. McGraw – Hill*
- 7) Mangal S.K. (2006) *statistics in psychology and education H.D. Prentice – Hall*
- 8) Fergusson G.A. (1976) *Statistical analysis in psychology and education McGraw Hill.*

Book for Reference :

- 1) J.S. Zechmeister EB zechmiester, J.J. Shaughnessy *Essentials of Research methods in psychology TATA McGAW – HILL Edition*
- 2) Sharma K. (2001) *statistics made simple*
- 3) Levin J. (2006) *Elementary statistics in social research Delhi – person Education.*
- 4) Foster J.J. (2001) *Data Analysis SPS.S*
- 5) Glass G.V. & Stanley J.C. (1970) *statistical methods in education and psychology prentice – Hall*
- 6) Barude R.R. (2006) *Sanshodhan Padhatishastra Pune Vidyamarathi Grhua.*

Semester – I

M.A. I – Psychology

Group F – Paper – II – Personality Psychology

Objectives –

- 1) To help the students to understand the traditional and modern aspects of personality.
 - 2) This course help the students to understanding the psychological strategies to analysis of personality
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Unit – I Psychoanalytic aspects of personality

- 1.1 Basic Psychoanalytic concepts
- 1.2 Psychosexual development
- 1.3 Defence mechanisms
- 1.4 Major contribution and limitation of Freud's psychoanalysis
- 1.5 Modern development from experimental psychology.

Unit – II Neo – Analytic and Ego Aspects of personality

- 2.1 Carl Jung and self hood
- 2.2 Alfred Adler, the inferiority complex and the importance of society.
- 2.3 Karn Horney, Culture and Feminism
- 2.4 Bridge from Freud to modern conceptions – Anna Freud.
- 2.5 Object Relations Theories – Margarate Mahler, Melanie Klien, Heinz Kohut
- 2.6 Erik Erikson, Life span Identity are identity crises.
- 2.7 Some Modern, Approaches to identity.

Unit – III Biological aspects of personality

- 3.1 Direct Genetic effect, Genetic of effect through temperament
- 3.2 Sexual identity and Homosexuality.
- 3.3 Mediated effect of Biology.

- 3.4 Effects of creation of environment, Effects from reactions of others.
- 3.5 Socio-biology and Evolutionary personality
- 3.6 Personality and public policy.

Unit – IV Behaviourist and Learning Aspects of personality

- 4.1 The classical conditioning of personality.
- 4.2 The origins of behaviourist approaches- watson’s behaviourism.
- 4.3 The radical behaviourism of B.F. Skinner.
- 4.4 Applied behaviourism: Personality change and individual differences.
- 4.5 Other Learning approaches to personality

Semester – II

M.A. I – Psychology

Groups – F Paper II – Personality Psychology

Objectives –

- 1. To introducing the students cognitive, social, traits, humanistic, existential, person situational inter actionist theories of personality.
- 2. To help the students to evaluate personality theory and research.

Unit I Cognitive and Social-cognitive aspects of personality.

- 1.1 Roots of cognitive approaches.
- 1.2 Cognitive and Perceptual mechanism
- 1.3 Human as scientists : George Kelly’s personal construct theory.
- 1.4 Social intelligence - Explanatory style as a personality variable.
- 1.5 Julien Rotter’s Locus of control approach
- 1.6 Albert Bandura’s social cognitive learning theory.

Unit II Trait and skill aspects of personality

- 2.1 The History of trait approach
- 2.2 Gordon Allport's trait psychology
- 2.3 A contemporary trait approach : The Big Five.
- 2.4 Personality Judgements. Types, motives
- 2.5 Expressive style, skills.

Unit 3 Humanistic and Existential aspects of personality

- 3.1 Existentialism and Humanism.
- 3.2 Love as a Central focus of life – Eric fromm.
- 3.3 Responsibility: Carl Roger's
- 3.4 Anxiety and dread
- 3.5 Self actualization
- 3.6 Happiness and positive psychology

Unit 4 Person – Situation interactionist aspects of personality

- 4.1 Harry stack Sullivan : interpersonal psychiatry
- 4.2 Motivation and Goals : Henry Murray
- 4.3 Modern interactionist approach. Begin
- 4.4 Implicit personality theory
- 4.5 The power of situation
- 4.6 The importance of Longitudinal study, interactions, Emotions and Development.

Book for study

- 1) Friedman H.S. & Schustuck M. W. (2009) personality classic and modern research *4th Edition*
- 2) Schultz D.P. Schultz S.C. (2009) Personality Theories *centage Learning; India Edition.*
- 3) Pervin L.A. – Personality *4th Edition JOHN WILEY & son's Publications*
- 4) Hall C.S. & Lindzey G. Personality Theories *3th Edition wiley eastern limited*

Book for references.

- 1) Career C.S. and Scheier M.F. (1996) personality Perspectives on *3rd Edi. Allyn & Becan*
- 2) Buss D.M. & Larsen R.J. (2009) Personality Psychology: Domains of knowledge About Human Nature. *NJ: McGraw-Hill Humanities.*
- 3) Corr., P.J. & Gerald Matthews, G (2009), The Cambridge Handbook of personality psychology *Cambridge : Cambridge university press.*
- 4) Buzge J.M (2010) Personality *wadsworth publishing*
- 5) John, O.P. Robins, R.W. & Pervin . L.A. (Eds.) (2010) Handbook of personality, *Third Edition. Theory and Research New York, NY: Guilford*
- 6) Larsen R.J. (2010) clasing views personality Psychology *Dushkin/mcgraw – hill*
- 7) Miserandino M (2011) Personality Psychology foundation & findings, *Person Education.*
- 8) Barve (2011) Vaykatimatwa Shindhant

Semester – I

M.A. I – Psychology

Group F – Paper III – Cognitive Psychology

Objectives –

- 1) To develop insight into one's own and others behavioural and mental process.
 - 2) To enrich students understanding the major concepts, theoretical perspectives and empirical finding in cognitive Psychology.
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Unit I – Introduction to cognitive psychology

- 1.1 What is cognitive psychology
- 1.2 A) Brief History of cognitive psychology
B) Emergence of cognitive psychology
- 1.3 The Domain of cognitive psychology
- 1.4 Underlying theme in the study of cognitive psychology
- 1.5 Key ideas in cognitive psychology.

Unit – II Cognitive Neuroscience

- 2.1 Mind and Body issues –
- 2.2 Cognitive neuroscience – cognitive psychology & Neuroscience.
- 2.3 Nervous system.
- 2.4 Neurophysiological sensing Techniques.
- 2.5 Tale of two Hemispheres.
- 2.6 Brain Disorders

Unit III Perception and Pattern Recognition

- 3.1 Visual Perception
- 3.2 Pattern Recognition
- 3.3 Object Recognition and agnosia.
- 3.4 Auditory perception.

Unit IV Consciousness

- 4.1 History of consciousness
- 4.2 Cognitive psychology and consciousness
- 4.3 Consciousness as a scientific construct.
- 4.4 Modern Theories of consciousness.
- 4.5 Functions of Consciousness.

Semester – II

M.A. I – Psychology

Group – F Paper – III Cognitive psychology

Objectives –

- 1. To acquaint the students with the process involved in memory, emotion and cognition.
 - 2. To help the students understand approaches of intelligence and artificial intelligence.
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Unit –I Short – Term – working Memory

- 1.1 Short – term Memory A limited capacity – Bottleneck
- 1.2 Short-term Memory retrieval
- 1.3 Working Memory
- 1.4 Assessing Working Memory
- 1.5 Working memory span

Unit – II Long-term Memory and Real world.

- 2.1 Nature of long term memory
- 2.2 Models of Memory
- 2.3 Semantic Memory
- 2.4 Meta memory
- 2.5 False and Eyewitness memory

- 2.6 Autobiographical memory
- 2.7 Neuro-cognition of memory

Unit III – Emotion and cognition

- 7.1 Defining Emotion
- 7.2 Manipulating and measuring Emotion.
- 7.3 Emotional Learning : Acquiring Evaluations.
- 7.4 Emotion and Declarative memory.
- 7.5 Emotion, Alteration and perception.

Unit IV – Human and Artificial Intelligence

- 8.1 Exploring cognitive Psychology
- 8.2 Measure and structures of intelligence
- 8.3 Information Processing and intelligence
- 8.4 Alternative Approaches to intelligence
- 8.5 Improving intelligence - Effective, Ineffective and questionable strategies.
- 8.6 Artificial intelligence - computer stimulations

Book for study:

- 1) Robert J. Sternberg : (2007): Cognitive Psychology (*Fourth Edition*). Thomson, wads worth, Indian Edition.
- 2) Robert J. Sternberg (2009) Applied cognitive Psychology: *Cengage Learning, Pashupati Printers (P) Ltd.*
- 3) Mark H. Ascraft, Gabriel, Gabriel A. Radvansky & (c (2010): *Cognition Pearson; Repro India Ltd.*
- 4) Edward E. Smith, Stephen M. Kosslyn (2009), Cognitive Psychology, *New Delhi, PHI Learning Private Limited.*

*** Books for Reference**

- 1) Matlin M. (1994) Cognitive – *Prism India Books*
- 2) Galloti K.M. (2007) Cognitive Psychology in and out of Laboratory *U.S.A. Thomson, Wades worth*

- 3) Kellogg R.T. (2007) Fundamentals of cognitive Psychology
- 4) Best J.B. (1999) Cognitive Psychology *U.S.A. – Thomson, Wadworth*
- 5) Borude R.R. (2005) Bodhnik Manasashtra *Chhaya Prakashan.*

Semester I

M.A. I Psychology

Group F – Paper IV – Experimental Psychology – Practicum.

Objectives:-

- 1) To acquaint the students with the different areas of experimentation in psychology
 - 2) To enable students to skills of conducting experiments in psychology
 - 3) To enable students to analyze and report data of experiments
 - 4) To help students to understanding skills in presentation of seminar.
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Selection A

*** Cognitive Process (any three)**

- 1) Concept Formation
- 2) Illusion
- 3) Phi-phenomenon
- 4) Figure and Ground Perception
- 5) Division of Attention
- 6) Localization of sound
- 7) Depth Perception
- 8) Time Perception
- 9) Problem solving (wiggly Blocks/Heart - Bow)

*** Learning and Memory (any three)**

- 1) Serial Learning
- 2) Knowledge of Result
- 3) Recall and Recognition
- 4) Conditioning (Watson Hand with draw)
- 5) Inhibition (Interference)

- 6) Maze Learning (Bolt-Head)
- 7) Habit Interference
- 8) Short term Memory
- 9) Long-term Memory

*** Motivation / Emotion (any two)**

- 1) Judging emotions from facial expression
- 2) Bilateral Transfer
- 3) Retinal colour zone
- 4) Good setting behaviour
- 5) Zeigarnik effect

Section B

Synopsis Submission and presentation of one seminar topic adopted by teacher.

Distribution of Marks.

Section A –

| | | |
|-----------------------|---|----|
| Record Book (Journal) | – | 10 |
| Procedure | - | 10 |
| Report Writing | – | 10 |
| Viva | - | 10 |

Section B –

| | | |
|---------------------------------------|---|----|
| Seminar (Submission and presentation) | - | 10 |
|---------------------------------------|---|----|

Total Marks – 50

Books for study –

- 1) Mohsin S.M. (1975) Experiments Psychology – *orient Longman*
- 2) Tinkar M.A. & Russel W.A. – Introduction to methods in Psychology *Appleton*
- 3) Jolata S (1962) – Experiments in Psychology – *Asia Publishing House*

- 4) Galloti K. M. (2004) – Cognitive Psychology in and out of the laboratory *U.S.A. Thomson Wordsworth.*
- 5) Stenberge R.J. (1990) - Cognitive Psychology *N.Y. Harcourt Brace college Pub.*
- 6) Munn (1984) – Experimental Psychology Journal.

Book for Reference –

- 1) Baker and Taylor (1960) – Laboratory experiments in Psychology
- 2) Snodgrass (1985) – Human experimental Psychology
- 3) Woodworth and schols berge (1982) – Experimental Psychology.

Semester II

M. A. I Psychology

Group F Paper IV - Psychological Assessment - Practicum

Objectives –

- 1) To develop interest and awareness of psychological tests interpretation of score and report writing.
 - 2) To acquaint the students with procedure and evaluation of psychological tests.
 - 3) To acquaint the students with the skills of observations on the basis of psychological tests.
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• General Mental Ability / Aptitude Tests (Any three)

- 1) Wechsler Adult intelligence scale.
- 2) Malins intelligence scale
- 3) Passi test of creativity
- 4) Standard progressive Matrices
- 5) Finger Dexterity test
- 6) Tweezer Dexterity test
- 7) Draw A Man Test or Bi-cycle Test
- 8) D.A.T.B.
- 9) Bender Gestalt
- 10) Seguin form Board Test

*** Personality Tests (any Three)**

- 1) 16 P.F.
- 2) Eysenk Personality Inventory
- 3) Diversion scale of locals of control
- 4) Neo – PI
- 5) MBTI

- 6) Type – A and B Behavioural Pattern
- 7) Projective Test – Verbal
- 8) Projective Test Non-verbal
- 10) M. M. PI - 2

*** Cognitive and other tests (any two)**

- 1) Cognitive style
- 2) Eight state questionnaire
- 3) Emotional Intelligence
- 4) Well-being
- 5) Depression scale

Section – B

Small Research Project –

The student should complete one small research project relating to specific psychological problem under the supervision of a teacher.

Distribution of Marks

| | | | |
|--------------------|----------------|---|----|
| Section A - | Record Book | – | 10 |
| | Procedure | – | 10 |
| | Report Writing | – | 10 |
| | Viva | – | 10 |
| Section B – | Project | - | 10 |
| | Total Marks | – | 50 |

Books for study

- 1) Kaplan R.M. and Saccuzzo D.P. (2007)- Psychological Testing – Principles, Applications and Issues *Australia – Thomson Wadsworth.*
- 2) Singh A.K. (2006) – Tests, Measurements and Research methods in Behavioural Sciences *Patna – Bharti Bharan.*

- 3) Freeman F.S. 3rd edi. (1965) –Psychological Testing New Delhi –
Oxford & IBH Publishing co. Pvt. Ltd.
- 4) Cronbach L.J. (1984) – Essentials of Psychological Testing 4th Ed.

Books for References :-

- 1) Anastasi J.C. and Bernstein I. H. (1994) Psychological Theory 3rd
Ed. NY:- McGraw – Hill
- 2) Nunnally J. C. An Bernstein I. H. (1994) Psychological Theory 3rd.
Ed. NY. MC Graw – Hill