

Syllabi and Scheme of Examination
For M.A. Psychology (w.e.f. 2012-13)

Scheme of Examination

The M. A. Psychology course will be of FOUR semesters. In each semester there shall be four theory papers (100 marks each) and one practical (150 marks) leading to a degree of 2200 marks.

M.A. (Semester-I) Psychology

The 1st Semester of M.A. Psychology would have following five papers, all the papers are compulsory.

Paper No.	Nomenclature	Marks	Time
Paper-I	SYSTEMS AND THEORIES	80+20	3 Hours
Paper-II	EXPERIMENTAL PSYCHOLOGY	80+20	3 Hours
Paper-III	SOCIAL PSYCHOLOGY (i)	80+20	3 Hours
Paper-IV	RESEARCH METHODS AND STATISTICS (i)	80+20	3 Hours
Paper-V (i)	PRACTICAL	100	3 Hours
(ii)	PROFILING OF EQUIPMENTS	50	1 Hour

M.A. (Semester-II) Psychology

The 2nd Semester of M.A. Psychology would have following five papers, all the papers are compulsory.

Paper No.	Nomenclature	Marks	Time
Paper-I	PHYSIOLOGICAL PSYCHOLOGY	80+20	3 Hours
Paper-II	COGNITIVE PSYCHOLOGY	80+20	3 Hours
Paper-III	SOCIAL PSYCHOLOGY (ii)	80+20	3 Hours
Paper-IV	RESEARCH METHODS AND STATISTICS (ii)	80+20	3 Hours
Paper-V (i)	PRACTICAL	100	3 Hours
(ii)	PROFILING OF EQUIPMENTS	50	1 Hour

M.A. (Semester-I)

Max. Marks: 80

Paper-I: SYSTEMS AND THEORIES

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

UNIT-I

Psychology as Science, current status. Nature and characteristics of systems, theories.
Schools: Associationism- British empiricism, S-R relationship, tenets.
Structuralism- Contribution of Wundt and Titchener, methodology, tenets.

UNIT-II

Functionalism- Antecedents, pioneers, tenets.
Behaviourism: Antecedents and foundation, methodology, tenets.
Gestalt Psychology: Antecedents and foundation, empirical work, tenets.

UNIT-III

Psychoanalysis: Antecedents and foundation, basic concepts, tenets.
Individual Psychology: Basic concepts and contribution.
Analytic Psychology: Basic concepts and Contribution.

UNIT-IV

Field theory: Lewin's life space- basic concepts and contribution; Tolman's purposive behaviourism- basic concepts and contribution.
S-R Theory: Hullian system and contribution; Skinnerian positivism; Guthrian associationism.

Recommended Books:

Chaplin T. and Kraweic T.S. (1979). Systems and Theories of Psychology. NY: Thompson Learning.

Wolman, B.B. (1995). Contemporary Theories and Systems in Psychology. Delhi: Freeman.

Marx, M.H. & Hillix, W.A. (1978). Systems and Theories in Psychology. New Delhi: Tata McGraw-Hill.

M.A. (Semester-I)

Max. Marks: 80

Paper-II: EXPERIMENTAL PSYCHOLOGY

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

UNIT-I

Experimental Psychology: Nature, Historical background, contribution of Weber, Fechner, Wundt, Galton.

Sensory Processes: Visual and Auditory - structure and functions of eye and ear.

UNIT-II

Perception: Nature, Perception of Form, Space, Movement, and Time.

Perceptual constancy, Illusion, Subliminal Perception

UNIT-III

Psychophysics: Problems and Methods of Classical Psychophysics.

Signal Detection Theory: Basic Concepts, Assumptions, Psychophysical Procedures and applications.

UNIT-IV

Learning: Nature, Cognitive Learning, Classical Conditioning- Phenomena, Process and Theories, Instrumental Conditioning- Appetitive and Aversive. Discrimination Learning: Phenomena and paradigms.

Recommended Books:

D' Amato, M.R. (1970). Experimental Psychology. New Delhi: Tata McGraw-Hill.

Flaherty, C.F. , Hamilton, L.W., Gandelman, R.J., & Spear, N.E. (1977). Learning and Memory. Chicago: Rand McNally.

Goldstein, E.R. (2007). Psychology of Sensation and Perception. New Delhi: Cengage Learning.

Gordon, W.C. (1989). Learning and Memory. California: Brooks-Cole.

Guilford, J.P. (1954). Psychometric methods (2nd ed.). New Delhi: McGraw-Hill.

Kling, J.W. & Riggs, L.A. (1971). Woodworth and Schlosberg's Experimental Psychology.

London: Methuen & Co.

Mazur (1989). Learning and Behaviour. New Delhi: Prentice Hall of India.

Postman, L. & Egan, J.P. (1949). Experimental Psychology: An Introduction. Delhi: Kalyani Publisher.

Sehiffman, H.R. (1982). Sensation and Perception: An Integrated Approach. New York: John Wiley & Sons.

Snodgrass, J.G., Berger, G.L., & Haydon, M. (1985). Human Experimental Psychology. New York: Oxford.

M.A. (Semester-I)

Max. Marks: 80

Paper-III: SOCIAL PSYCHOLOGY (i)

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

UNIT-I

Social Psychology: Nature, Historical background, Scope and New Perspectives.

Methods: Experimental, Observation, and Content analysis.

UNIT-II

Socialization: Nature, Process, Theories - Psychoanalytic, Cognitive Development,

Social learning, and Ethological.

The Self: Development of self, self-concept and self-esteem.

UNIT-III

Social Perception: Verbal and Nonverbal communication, Attribution process, Impression formation.

Social Cognition: Social Inference, Emotional and Motivational biases, Schemas and Heuristics.

UNIT-IV

Attitude: Nature, Formation, Change and Consistency, and Measurement.

Prejudice and Discrimination: Nature, Sources, Combating prejudice.

Recommended Books:

Baron, R.A. & Byrne, D. (2003). Social Psychology: Understanding Human Interaction (6th Ed.). New Delhi: Prentice-Hall of India.

Baron, R.A. & Byrne, D. (2005). Social Psychology. New Delhi: Prentice-Hall of India.

Daniel, P. & Cozby, P.C. (1983). Social Psychology. NY: Holt, Rinehart and Winston.

Lindzey, L., & Aronson, E. (1975). The Handbook of Social Psychology (2nd Edn.), Vol. IV & V. New Delhi: Amerind Publishing Co.

Mathur, S.S (2004). Social Psychology. Agra: Vinod Pustak Mandir.

Penrod, S. (1986). Social Psychology (2nd Ed.) New Jersey: Prentice Hall, Englewood Cliffs.

Taylor, S.E., Peplau, L.A. & Sears, D.O. (2006). Social Psychology (12th Ed.). New Delhi: Pearson Education.

M.A. (Semester-I)

Max. Marks: 80

Paper-IV: RESEARCH METHODS AND STATISTICS (i)

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Non-programmable calculators and statistical tables are allowed in the examination.

UNIT-I

Psychological Research: Nature, Characteristics, Univariate vs. Multivariate approach, Problem, Hypothesis, Variables - Types, Control of relevant variables.

UNIT-II

Types of Research: Experimental, Ex Post facto, Field studies, and Correlational.

UNIT-III

Normal Probability Curve: Characteristics, Applications.

Hypothesis testing: Chi-square and t-test, significance of Mean Difference.

Correlation: Concept, Product-moment and Rank difference methods.

UNIT-IV

Other methods of correlation: Biserial, Point biserial, and Tetrachoric.

Partial correlation (first order), Multiple Correlation (three variables).

Recommended Books:

Garrett, H.E. (1981). *Statistics in Psychology and Education*. Bombay: Vakils.

Guilford, J.P. (1981). *Fundamental Statistics in Psychology and Education (6th Ed.)*. New Delhi: McGraw Hill.

Kerlinger, F.N. (1973). *Foundation of Behavioural Research*. New York: Holt Rinehart and Winston.

McGuigan, F.J. (1983). *Experimental Psychology: Methods of Research (4th Ed.)*. New Jersey: Prentice Hall.

Shaughnessy, J.J. & Zechmeister, E.B. (1997). *Research Methods in Psychology*. New York: Mc Graw Hill.

Singh, A.K. (1986). *Tests, Measurements and Research Methods in Behavioural Sciences*. New Delhi: Tata McGraw Hill.

M.A. (Semester-I)

Max. Marks: 80

Paper-V (i): PRACTICAL

Time: 3 Hours

Note: Any 10 practicals out of the following are to be conducted and reported during the semester. One practical will be allotted to a candidate during the examination and evaluation will be based on Practical Note Book, Performance during practical examination and Viva-voce.

1. Retinal Colour Zones.
2. Emert's law.
3. Figural after effect.
4. Perceptual constancy.
5. Phi-phenomenon.
6. Perception of time.
7. Autokinetic movement.
8. Experiment of classical conditioning.
9. Depth perception.
10. Weber's law.
11. SDT.
12. Muller Lyre illusion.
13. Relative effectiveness of any two methods of learning.
14. Serial position effect.
15. Incidental v/s intentional learning.
16. Discrimination learning.

Paper-V (ii):

PROFILING OF EQUIPMENTS

Max. Marks: 50

Time: 1 Hour

Candidate is required to prepare a profile of at least 16 equipments (8 Instruments and 8 Tests), other than those included in Paper-V (i). Two equipment profiles will be allotted to a candidate during the examination and evaluation will be based on Profile Record, Report, and Viva-voce.

M.A. (Semester-II)

Max. Marks: 80

Paper I: Physiological Psychology

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

UNIT I

Introduction: Nature and Scope. Methods of Study: Ablation and Lesion, Recording Electrical Activity of Brain. Brain Stimulation-Electrical and Chemical. Imaging Techniques.

UNIT II

Neuron: Structure, types and functions. Conduction of Nerve impulse and synaptic transmission. Structure and Functions of Central Nervous System, Peripheral Nervous System-Peripheral Somatic and Autonomic Nervous System, Endocrine System.

UNIT III

Motivation: Peripheral and Central mechanisms of Hunger, Thirst and sex.

Emotions: Central and Peripheral physiological correlates. Theories of Emotion: James-Lange, Cannon-Bard, and Papez-MacLean.

UNIT IV

Electrophysiological mechanisms associated with Learning and Memory. Sleep, Arousal and Dreaming: Nature, stages of sleep, Brain mechanisms of sleep and dreaming. Neural basis of arousal and attention.

Recommended Books:

Bannett, T.L. (1977). Brain and Behaviour. California: Brooks/Cole.

Leukel, F. (1985). Introduction to Physiological Psychology. New Delhi: CBS Publishers.

Levinthal, C.F. (1990). Introduction to Physiological Psychology (3rd Ed.). New Delhi: PHI.

Morgan, T.H. and Stellar, A. (1965). Physiological Psychology. New York: McGraw Hill.

Pinel, J.P.J. (2007). Biopsychology. New Delhi: Pearson.

Plutchik, R. (1980). Emotion: A Psychoevolutionary Synthesis. New York: Harper and Row.

Rosenzweig M.R. and Leiman, A.L. (1989). Physiological Psychology. New York: Random House.

Thompson, R.F. (1982). Introduction to Physiological Psychology. New York: Harper and Row.

M.A. (Semester-II)

Max. Marks: 80

Paper-II: COGNITIVE PSYCHOLOGY

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

UNIT-I

Cognitive Psychology: Historical background, Scope, Approaches- Top-down, Bottom-up, and Information processing, Methods of study-Behavioural and Physiological.

UNIT-II

Attention: Nature, Capacity and Information Processing. Selective attention: Nature, Models-Filter and Attenuation. Divided Attention. Pattern Recognition: Template Matching, and Feature Analysis.

UNIT-III

Memory: Process, Models- Atkinson and Shiffrin, Level of Processing, and Parallel Distributed Processing Model. Autobiographical Memory. Eye-witness Testimony. Mnemonics.

UNIT-IV

Language: Properties, Structure and Processes of Language Acquisition. Thinking and Problem Solving: Well defined and ill defined problems, Blocks and Aids in problem solving. Reasoning: Types and Approaches.

Recommended Books:

Eysenck, M.W., and Keane, M.P (2000). Cognitive Psychology: A students guide, Psychology Press.

Galotti, K.M. (2000), Cognitive Psychology in and out of the Laboratory. Delhi: Thomson

Kellogg, R.T. (2012). Fundamentals of Cognitive Psychology. Lab Angles: Sage.

Matlin, M.W. (2008), Cognitive. New York: Wiley.

Solso, R.L. (2001). Cognitive Psychology. Delhi: Pearson Education.

Sternberg, R.J. (2007). Cognitive Psychology. Delhi: Thomson.

M.A. (Semester-II)

Max. Marks: 80

Paper-III: SOCIAL PSYCHOLOGY (ii)

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

UNIT-I

Group Dynamics: Structure, Functions and Classification of Groups, Group cohesiveness and Effectiveness. Group Norms: Formation, Conformity, Social roles, and Role conflict.

UNIT-II

Leadership: Nature, Styles, Theories: Trait, Contingency, Zeitgeist, and Path goal; Leader-follower relations. Social Influence: Conformity, Compliance, and Obedience.

UNIT-III

Interpersonal Relationship: Affiliation, Interpersonal Attraction and their determinants.

Interpersonal Influence: Social power-kind and determinants; high-status, peer and low-status influencers.

UNIT-IV

Prosocial Behaviour: Helping, determinants of helping behaviour. Altruism: Stages of Development and Personality dispositions. Anti Social Behaviour: Aggression and violence-Causes and Prevention.

Recommended Books:

Baron, R.A. & Byrne, D. (2005). Social Psychology. New Delhi: Prentice-Hall of India.

Lindzey, L. & Aronson, E. (1975). The Handbook of Social Psychology (2nd Ed.), Vol. II, III & IV. New Delhi: Amerind Publishing Co. Pvt. Ltd., New Delhi.

Mathur, S.S (2004). Social Psychology. Agra: Vinod Pustak Mandir.

Myers, D.G. (2006). Social Psychology (8th Edn.)-Tata McGraw Hill International Editions.

Penrod, S. (1986). Social Psychology (2nd Edn.) New Jersey: Prentice Hall, Englewood Cliffs.

Perlman, D. & Cozby, P.C.(1983). Social Psychology, New York: CBS College Publishing Holt, Rinehart and Winston.

Taylor, S.E. Peplau, L.A. & Sears, D.O. (2006). Social Psychology (12th Ed.). New Delhi: Pearson Education.

M.A. (Semester-II)

Max. Marks: 80

Paper-IV: RESEARCH METHODS AND STATISTICS

Time: 3 Hours

NOTE: The question paper will consist of NINE questions. The candidate will have to attempt FIVE questions, selecting ONE question from each unit. The first question will be compulsory and will include 8 short-answer questions spread over entire syllabus. The remaining EIGHT questions will be set taking TWO questions from each unit. Each question will carry 16 marks.

Non-programmable calculators and statistical tables are allowed in the examination.

UNIT-I

Research Design: Criteria and Principles, Between Groups and Within Groups Designs: Single factor and Factorial. Quasi-experimental designs: Non equivalent comparison groups and Time series designs.

UNIT-II

Sampling: Basic Principles, Probability and Non-Probability sampling techniques.

Data Collection Techniques: Case Study, Observation, Interview, Questionnaire.

UNIT-III

Analysis of Variance: Basic Concepts, One way ANOVA (Separate and Repeated measures), Two-way ANOVA (Separate groups), Analysis of Trends.

Regression Prediction (bivariate).

UNIT-IV

Nonparametric statistics: Sign Test, Wilcoxon Signed Ranks Test, Mann-Whitney U-Test, Median Test, Kendall Coefficient of Concordance.

Recommended Books:

Anastasi, A. (1980). *Psychological Testing*. London: McMillan.

Broota, K.D. (1989). *Experimental Design in Behavioural Research*. New Delhi: Wiley Eastern.

Kerlinger, F.N. (1973). *Foundation of Behavioural Research*. New York: Holt Rinehart and Winston.

McGuigan, F.J. (1983). *Experimental Psychology: Methods of research (4th Ed.)*. New Jersey: Prentice Hall.

Shaughnessy, J.J. and Zechmeister, E.B. (1997). *Research Methods in Psychology*. New York: Mc Graw Hill.

Siegel, S. and Castellan, N.J. (1988). *Nonparametric statistics for the behavioural sciences*. Kogakusha: McGraw Hill.

Singh, A.K. (1986). *Tests, measurements and research methods in behavioural sciences*. New Delhi: Tata McGraw Hill.

Winer, B.J. (1971). *Statistical principles and experimental design*. Kogakusha: McGraw Hill.

M.A. (Semester-II)

Max. Marks: 100

Paper-V (i): PRACTICAL

Time: 3 Hours

Note: Any 10 practicals out of the following are to be conducted and reported during the semester. One practical will be allotted to a candidate during the examination and evaluation will be based on Practical Note Book, Performance during practical examination and Viva-voce

1. Study of STM.
2. Retroactive inhibition.
3. Schedule of reinforcement (instrumental conditioning).
4. Choice reaction time.
5. Selective listening
6. Reminiscence
7. Comparison of any two methods of memory
8. Problem solving.
9. Set in thinking.
10. Creativity test.
11. Concept formation
12. Galvanic skin response.
13. Study of emotions (Facial expression).
14. Zeigarnic effect.
15. Measurement of motives.
16. Projective test of personality.

Paper-V (ii):

PROFILING OF EQUIPMENTS

Max. Marks: 50

Time: 1 Hour

Candidate is required to prepare a profile of at least 16 equipments (8 Instruments and 8 Tests), other than those included in Paper-V (i). Two equipment profiles will be allotted to a candidate during the examination and evaluation will be based on Profile Record, Report, and Viva-voce.