

Scheme for the Examination of Master of Arts in Applied Psychology 2014-2015

The entire course will be of four semesters. In each semester, there would be five theory papers and a practical. Total marks for the entire course would be 2000 (500 marks per semester). There will be four theory papers each carrying 100 marks and a practical of 100 marks in each Semester. All the papers are compulsory.

M.A. (Semester-I) Applied Psychology 2014-2015

Paper No.	Nomenclature of the Paper	Int.Assess.	Exam.	Time
I	Advanced General Psychology	20	80	3 Hr.
II	Cognitive Psychology	20	80	3 Hr.
III	Social Psychology	20	80	3 Hr.
IV	Research Methods and Designs	20	80	3 Hr.
V	Practicals		100	6 Hr.

M.A. (Semester-II) Applied Psychology 2014-2015

VI	Biology of Behaviour	20	80	3 Hr.
VII	Positive Psychology	20	80	3 Hr.
VIII	Fields of Applied Psychology	20	80	3 Hr.
IX	Statistics in Psychology	20	80	3 Hr.
X	Practicals		100	6 Hr.

In Sem. III & IV (2015-2016) the students would be majorly opting for a specific applied stream of Psychology. Preparation of details scheme and syllabi is in progress.

M.A. Applied Psychology (Semester I) 2014-15

PAPER-I

Advanced General Psychology

Total	:100 marks
Internal Assessment	: 20marks
Examination	: 80 marks
Time	: 3 hours

Note: a) Nine questions would be set in all. Candidates would be required to attempt five questions. There would be two questions (16 marks each) from each of the four units. Candidates would attempt one question from each unit.

b) Question No. I would be compulsory. It shall be based on the entire syllabus and would contain eight short answer questions of two marks each.

Unit-I

Introduction: Viewpoints in Psychology and their Origin: Associationism, Structuralism, Functionalism, Psychoanalysis, Gestalt, Behaviourism.

Unit-II

Methods of Psychology: Introspection, Observation, Survey.

Genes, Environment and Behaviour: Chromosomes and genes; Basic genetic principles; Interaction of Heredity and Environment; Species specific behaviour.

Unit-III

Motivation: Meaning, Nature and Basic concepts; Theories: Instinct, Opponent Process (Solomon), Need hierarchy (Maslow), Vector balance (Lewin).

Emotion: Characteristics and Classification; Theories: James-Lange theory, Cannon-Bard theory, Schachter-Singer theory, Cognitive Appraisal.

Unit-IV

Intelligence: Nature and Types of Intelligence; Theories: Group factor (Thurston), Multiple intelligence (Gardner), Triarchic (Sternberg), Fluid and Crystallized g factors (Cattell).

Personality: Nature and Determinants; Theories: Psycho-Social (Erickson), Trait (Allport), Psychoanalysis (Freud), Social learning (Bandura).

References:

Ciccarelli, S.K., & Meyer, G.E.(2009).**Psychology**. India: Pearson.

Hergenhahn, B.R.,& Henely, T.B.(2014). **An Introduction to the History of Psychology**. USA: Wadsworth.

Kumar, A. (2014).**Advanced General Psychology**. Delhi: Motilal Banarsidass.

Passer, M.W., & Smith, R.E.(2011). **Psychology: The Science of Mind and Behaviour**. India: McGraw Hill.

Weiten, W. &Lloyd, M.A. (2003). **Psychology Applied to Modern life: Adjustment in the 21st century**. Belmont, CA: Wadsworth.

PAPER-II

Cognitive Psychology

Total	:100 marks
Internal Assessment	:20 marks
Examination	: 80 marks
Time	: 3 hours

- Note: a) Nine questions would be set in all. Candidates would be required to attempt five questions. There would be two questions (16 marks each) from each of the four units. Candidates would attempt one question from each unit.
- b) Question No. I would be compulsory. It shall be based on the entire syllabus and would contain eight short answer questions of two marks each.

Unit –I

Introduction to Cognitive Psychology: Emergence of Cognitive Psychology; Paradigms of Cognitive Psychology.

Attending to Information: Bottleneck theories of Selective Attention; Factors influencing Division of Attention; Automaticity and effects of Practice .

Unit –II

Perception: Perceptual constancies: Size and Brightness; Object recognition; Multisensory Interaction and Integration; Consciousness and Subliminal perception.

Visual Imagery: Dual Coding Hypothesis; Empirical Investigations: Mental Rotation and Scanning ; Critiques of Mental Imagery theory: Picture Metaphor vs Propositional Theory

Unit –III

Memory: Working Memory, Level of Processing and Hierarchical view of memory; Reconstructive nature of memory: Autobiographical and Eyewitness memory; Use of mnemonics in retrieval of memory.

Knowledge Representation: Organizing Knowledge: Network, ACT and Connectionist models; Concepts and Categories: Types and Functions of Concepts; Approaches to Concept Representation: Prototype, Exemplar, Schemata/Scripts

Unit –IV

Language: Structure of Language; Comprehension and Production: Speech perception, Speech errors, Comprehension of Sentence and Passages, Grice's Maxims of Conversation.

Individual and Cross Cultural Perspectives: Individual and Gender Differences in Cognition; Cross Cultural Studies of Perception and Memory; Situated Cognition in Everyday settings.

References:

Eysenck, W. M., & Keane, M.T. (1990) **Cognitive Psychology: A Students Handbook**. London : Lawrence Erlbaum.

Galotti, K.M. (2014).**Cognitive Psychology: In and Out of the Laboratory**. New Delhi: Sage.

Riegler, B.R., & Riegler, G.L.R. (2008). **Cognitive Psychology: Applying the Science of the Mind**. India: Pearson Education.

Jahnke, J.C., & Nowaczyk, R.H. (1998).**Cognitive Psychology**. New Jersey: Prentice Hall.

Matlin, M. W. (1995). **Cognition**. Bangalore: Prism Book.

Reed, K.S. (2000).**Cognition: Theory and Applications**. California: Wadsworth.

PAPER-III

Social Psychology

Total	:100 marks
Internal Assessment:	20 marks
Examination	: 80 marks
Time	: 3 hours

Note: a) Nine questions would be set in all. Candidates would be required to attempt five questions. There would be two questions (16 marks each) from each of the four units. Candidates would attempt one question from each unit.

b) Question No. I would be compulsory. It shall be based on the entire syllabus and would contain eight short answer questions of two marks each.

Unit-I

Introducing Social Psychology: Meaning; Social Psychology and Human Values; Research Methods: Observation, Surveys, Correlational Research, Experimental Research; Ethical Concerns.

The Social Self: Origins and Organization of Self -knowledge; Self-esteem; Self-regulation: Motivating and Controlling the Self; Self-presentation: Self-handicapping, Impression Management.

Unit-II

Social Cognition: Information available for social cognition; Presentation and seeking information; Using Schemas to understand new information; Heuristics.

Social Influence: Conformity: Meaning; Factors affecting conformity pressure; Obedience to authority: Meaning and opposing forces; Compliance: Reason based approaches, Emotion based approaches and Norm based approaches.

Unit-III

Attitudes and Behaviour: Predicting behaviour from attitudes; Predicting attitudes from behaviour; Functions of Attitude; Persuasion and Attitude Change.

Prejudice and Discrimination: Nature of Prejudice and Discrimination, Sources of Prejudice: Social, Motivational and Cognitive; Consequences of Prejudice; Reducing Prejudice and Discrimination.

Unit-IV

Group Influence: Nature and Functions of Groups; Social facilitation; Social loafing; De-individuation; Group Polarization, Group Think.

Aggression: Meaning of Aggression; Theories of Aggression: Biological, Frustration – Aggression, Learned social behaviour; Influences on Aggression.

References:

Baron, R.A., & Byrne, D. (2004). **Social Psychology**. Singapore: Pearson Education.

Baron, R.A., Byrne, D. & Johnson, B.T. (1998). **Exploring Social Psychology**. USA: Allyn and Bacon.

Gilovich, T., Keltner, D., Chen, S., & Nisbeth, R.E. (2013) **Social Psychology**. New York: W.W.Norton & Company.

Stephan, C.W., & Stephan, W.G. (1990). **Two Social Psychologies**. California: Wadsworth.

Myers, D.G., Sahajpal, P. & Behera, P. (2012). **Social Psychology**. New Delhi: Tata McGraw-Hill .

Worchel, S., Cooper, J., Goethals, G.R., & Olson, J.M. (2000). **Social Psychology**. USA: Wadsworth/ Thomson.

PAPER-IV

Research Methods and Designs

Total	: 100 marks
Internal Assessment:	20 marks
Examination	: 80 marks
Time	: 3 hours

Note: a) Nine questions would be set in all. Candidates would be required to attempt five questions. There would be two questions (16 marks each) from each of the four units. Candidates would attempt one question from each unit.

b) Question No. I would be compulsory. It shall be based on the entire syllabus and would contain eight short answer questions of two marks each.

Unit-I

Science: Nature; Objectives; Tenets and Pseudo Science.

Research: Meaning; Approaches; Strategies; Steps in Planning: Variables, Problem and Hypotheses

Unit-II

Sampling: Probability and Non-probability sampling methods.

Ethics and Research

Writing the Research Report

Unit-III

Research Design: Meaning; Types and Functions

Experimental Designs: Single and Multifactorial Designs.

Unit-IV

Quasi Experimental Designs

Single Subject Designs

Developmental Designs

References:

Bordens, K.S., & Abbott, B.B.(2005).**Research Designs and Methods**. New Delhi: Tata McGraw Hill.

Breakwell, G.M.; Smith, J.A., &Wright, D.B.(2012).**Research Methods in Psychology**. London: Sage.

Broota, K.D. (1992). **Experimental Designs in Behavioural Research**. New Delhi: Willey Eastem

Evans, A. N., & Rooney, B. J. (2011).**Methods in Psychological Research**. London: Sage.

Helode, R.D. (2012). **Basics of Research in Behavioural Sciences**. Wardha: Psychoscan.

Jackson, S.L. (2012). **Research Methods and Statistics**. USA: Wadsworth.

Nestor, P.G., & Schutt, R.K. (2012).**Research Methods in Psychology**. London: Sage.

Morling. B. (2012).**Research Methods in Psychology**, New York :W.W.Norton

Myers, A. and Hansen, C. (2012) .**Experimental Psychology**. USA: Wadsworth.

Weathington, B. L., Cunningham, C. J. L., & Pittenger, D. J. (2010).**Research Methods for the Behavioural and Social Sciences**. New Jersey: John Wiley.

Paper-V**Practicals**

Total : 100 marks

Time : 4 Hours

Note: Each student would perform six experiments and six tests from the areas mentioned below. For each experiment /test, sample would consist of at least two respondents and analysis would be based on group data. The list of exact problems would be decided by the concerned teachers and approved by the Departmental Committee in the beginning of each semester.

During the Examination, each student would submit a signed record file containing the reports of all tests and experiments and perform /administer one experiment and one test. Evaluation would be based on Record file, Performance of experiment/ test administration and Viva Voce.

Paper: V-A.**Experiments**

50 Marks

1. Perception
2. Verbal Learning/ Conditioning
3. Memory
4. Forgetting
5. Social Influence
6. Language

Paper: V-B**Test Administration**

50 Marks

1. Intelligence
2. Personality
3. Attitude
4. Self- Concept
5. Attribution Style
6. Frustration/ Aggression

M.A. Applied Psychology (Semester II) 2014-15

Paper VI

Biology of Behaviour

Total :100 marks
Internal Assessment: 20 marks
Examination : 80 marks
Time : 3 hours

Note: a) Nine questions would be set in all. Candidates would be required to attempt five questions. There would be two questions (16 marks each) from each of the four units. Candidates would attempt one question from each unit.

b) Question No. I would be compulsory. It shall be based on the entire syllabus and would contain eight short answer questions of two marks each.

Unit-I

Nature of Biopsychology: Meaning and approach; Major divisions of bio psychology; Relationship with other disciplines of neuroscience. Methods of study and research
Cells of Nervous system: Neuron: Structure and types; Conduction of Nerve impulse; Synaptic transmission : the process and its stages

Unit-II

Nervous system: Structure and Function of Central Nervous system and Peripheral nervous system.

Anatomical Asymmetries of the Brain and Hemispheric Lateralization

Unit-III

Biology of Sensory-Motor systems: Visual system; Auditory systems and Motor system

Biological basis: Ingestive Behaviour; Sleep

Unit-IV

Biological basis of Human communication; Emotions

Biological basis of Learning and Memory

References :

Carlson, N. R.(2013) **Physiology of Behaviour**, 11th ed. New Delhi: Pearson Education.

Graham, R. B. (1990) **Physiological Psychology**. California: Wadsworth.

Kalat, J. N. (2001) **Biological Psychology**. California: Wadsworth.

Levinthal, C.R. (1991) **Introduction to Physiological Psychology**. New Jersey: Prentice Hall.

Pinel, J. (2011) **Biopsychology**.(8th ed).New Delhi: Pearson Education.

Rosenzweig, M.R., Liemen, A.L. and Breed Love, S.M. (1999) **Biological Psychology : An Introduction to Behavioural, Cognitive and Clinical Neuroscience**. 2nd Edition Massachusetts : Sinauer.

Paper VII

Positive Psychology

Total	:100 marks
Internal Assessment:	20 marks
Examination	: 80 marks
Time	: 3 hours

- Note: a) Nine questions would be set in all. Candidates would be required to attempt five questions. There would be two questions (16 marks each) from each of the four units. Candidates would attempt one question from each unit.
- b) Question No. I would be compulsory. It shall be based on the entire syllabus and would contain eight short answer questions of two marks each.

UNIT-I

Introductory Perspectives of Positive Psychology: Origin, Assumptions, Goals, Challenges, Pitfalls and Aspirations; Eastern perspectives on Positive Psychology; Classification of Human virtues and measuring strengths of character.

UNIT-II

Emotional Perspectives: Positive Emotions: Broaden and Build theory of Positive emotions, Application: Finding positive in the negative, Strategies to enhance happiness, Cultivating flow experiences and savoring.

UNIT-III

Pro-social Orientation: Altruism, Gratitude and Forgiveness.
Cognitive Orientation: Wisdom, Self -efficacy, Hope and Optimism

UNIT-IV

Religious and Spiritual Perspectives: Definition of religion and spirituality, Diversity of views, Religious orientation, Style of religious coping, Spirituality and Well being.

References :

- Baumgardner, S.T., & Crothers, M.K.(2009) **Positive Psychology**. New Delhi: Pearson
- Bryant, F.B., & Veroff (2007) **Savoring: A new model of positive experience**. Mahwah, New Jersey: Lawrence Erlbaum
- Carr, A. (2005) **Positive Psychology: The Science of Happiness and Human strengths**. New York: Routledge.
- Christopher, P. (2006) **A Primer in Positive Psychology**. New York: Oxford University Press.
- Sheldon, K.M., Kashdan, T.B. and Steger, M.F. (2011) **Designing Positive Psychology**. New York: Oxford University Press.

Paper VII

Fields of Applied Psychology

Total	: 100 marks
Internal Assessment:	20 Marks
Examination	: 80 marks
Time	: 3 hour

Note: a) Nine questions would be set in all. Candidates would be required to attempt five questions. There would be two questions (16 marks each) from each of the four units. Candidates would attempt one question from each unit.

b) Question No. I would be compulsory. It shall be based on the entire syllabus and would contain eight short answer questions of two marks each.

Unit-I

Introduction to Applied Psychology: Nature and Scope of Applied Psychology; Scientific approach to Behaviour: Commitment to empiricism, Advantages of the Scientific approach, Experimental Research, Correlational Research.

Clinical Applications: Medical Model applied to Abnormal Behaviour; Psycho diagnosis: The classifications of disorders and its prevalence; Psychotherapy: Definitions, Differences, Commonalities and Important Features; Major Psychotherapies: CBT, Psychodynamic, Behaviour and Client-centered.

UNIT - II

Industrial Applications: Planning and Preparation : HR planning, Job Analysis; Selection; Training; Changing the Organization; Employees Motivation and Job Satisfaction; Performance Appraisal.

Educational Applications: Psychologists in Education; Intelligence in the Class room; Applications of Theory and Research; Classroom applications: Behaviour Modification; Progressive education; Open education.

Unit – III

Health Applications: Biopsychosocial model of Health; Social and Societal context of Stress and Health; Health related behaviour patterns and Health promotion; Enhancing health care through behaviour change.

Environment - Behaviour Applications: Meaning and Nature of Environmental Psychology; Environmental Psychology as a guide to environmentally responsible actions; Strategies to encourage environmentally responsible behaviour: Antecedent strategies, Consequent strategies and Beyond traditional behavioural interventions.

Unit – IV

Forensic Applications: Scope of Forensic Psychologist; Role of Forensic Psychologist in an organization; Role of Forensic Psychologist when working with offenders; Ethical issues associated with Forensic Psychology.

Sports Applications: Personality and Athletic performance; Motivation; Direction; Intensity; Optimal coaching strategies; other determinants of Athletic performance: Components of performance, Attentional demands, audience effects; Aggression in sports; Behaviour modification.

References:

Bayne, R., & Jinks, G. (2013). **Applied Psychology: Research, Training and Practice**. London: Sage.

Bell, P.A., Greene, T.C., Fisher, J.D.& Baum, A. (2001). **Environmental Psychology**. Orlando: Harcourt.

Davey, G.C. (Ed)(2011). **Applied Psychology**. West Sussex: Wiley-Blackwell

Goldstein,P.A., & Krasner,L.(1989). **Modern Applied Psychology**. New York: Pergamon Press.

Spurgeon, P., Davies, R., & Chapman,T. (1994). **Elements of Applied Psychology**. Switzerland: Harwood Academic Publishers.

Weiten, W. & Lloyd,M.A. (2003). **Psychology Applied to Modern life: Adjustment in the 21st century**.Belmont, CA: Wadsworth.

Paper IX

Statistics in Psychology

Total	:100 marks
Internal Assessment:	20 marks
Examination	: 80 marks
Time	: 3 hours

- Note: a) Nine questions would be set in all. Candidates would be required to attempt five questions. There would be two questions (16 marks each) from each of the four units. Candidates would attempt one question from each unit.
- b) Question No. I would be compulsory. It shall be based on the entire syllabus and would contain eight short answer questions of two marks each.
- c) At least one hypothetical data based numerical question would be set from each unit.
- d) During the examination, use Non-Programmable calculators and statistical tables by the candidates would be permitted.

Unit-I

Descriptive Statistics: Measures of Central Tendency; Measures of Variability; Types of distributions.

Unit-II

Inferential Statistics (Parametric): t-test for Independent and Dependent groups.

One way ANOVA and Two way ANOVA for separate groups; Post-hoc test (DRT).

Unit-III

Correlational Statistics (Parametric & Non Parametric): Pearson- r; Spearman- rho; Biserial; Tetrachoric; Kendall-Concordance; Simple Regression (Bivariate).

Unit-IV

Non-Parametric Statistics: Sandler's A-Test; Wilcoxon Matched Pair Test; Mann-Whitney U-test; Chi-Square; Kruskal Wallis H-Test; Friedman two way ANOVA.

References:

- Abdi, H., Edelman, B., Valentin, D. & Dowling, W.J. (2009). **Experimental Designs and Analysis for Psychology**. New Delhi: Oxford University Press.
- Aron, A., Aron, E. N. & Coups, E. J. (2007). **Statistics for Psychology**. Delhi: Pearson.
- Garrett, H.E. (2005, 12th Indian Reprint). **Statistics in Psychology and Education**. Delhi: Paragon International Publishers.
- Gavin, H. (2008). **Understanding Research Methods and Statistics in Psychology**. New Delhi: Sage.
- Jackson, S.L. (2012). **Research Methods and Statistics**. U.S.A., Wadsworth.
- Minium, E.W, King, B.M. and Bears, G (1993). **Statistical Reasoning in Psychology and Education**. New York: John-Wiley & Sons Inc.
- Siegel, S., & Castellan, N.J. (1998). **Nonparametric Statistics for the Behavioural Sciences**. New York: Mc Graw-Hill.

Paper-X**Practicals**

Total: 100 Marks

Time: 4 Hours

Note: Each student would perform five experiments, five tests and five computer applications from the areas mentioned below. For each experiment /test, sample would consist of at least two respondents and analysis would be based on group data. The list of exact problems would be decided by the concerned teachers and approved by the Departmental Committee in the beginning of each semester.

During the Examination, each student would submit a signed record file containing the reports of all tests, experiments and computer applications and perform /administer one experiment , one test and one computer application . Evaluation would be based on Record file, Performance of experiment/ test administration/ computer application and Viva Voce.

Paper: X-A**Experiments and Test Administration**

70 marks

1. Attention
2. Body Mass Index
3. Activity and Arousal Level
4. Illumination and Performance
5. Lateralization
6. GHQ
7. Job Satisfaction
8. Values-In-Action
9. Life Style Scale
10. Resilience

Paper: X-B**Computer Applications**

30 Marks

1. Data Entry
2. Descriptive Statistics
3. Inferential statistics
4. Correlational Statistics
5. Power Point Presentation