FACULTY OF ARTS AND SOCIAL SCIENCES

SYLLABUS OF M.A PSYCHOLOGY (Semester: I -II)

(Under Continuous Evaluation System)

Session: 2018-19



The Heritage Institution

KANYA MAHA VIDYALAYA JALANDHAR (Autonomous)

M.A. PSYCHOLOGY

Session: 2018-19

PROGRAM SPECIFIC OUTCOMES

Upon successful completion of this course, students will be able to:

PSO1. develop deep rooted knowledge about the subject in which they will learn about the theory and practical

PSO2. develop global perceptive of nature and scope of psychology and to understand the interconnections of psychology with other disciplines.

PSO3. inculcate the ability to apply the skills of psychology in personal as well as professional life.

PSO4. develop an insight into ones' own and others' thoughts and activities and apply effective strategies for self-management and self-improvement.

PSO5. understand and appreciate the global diversity of cultures, values, belief systems and the common principles that guide all humanity and are expressed in biological, social and cognitive aspects of behavior.

PSO6. choose, administer, and interpret scores of tests commonly used in the practice of psychology and will also be able to demonstrate the use of therapeutic techniques.

PSO7. initiate research on psychological problems and issues and offer an advanced understanding of the subject matter

PSO8. prepare the students to work in the social service industry (NGOs) and to grant a firm foundation in the field as either a clinical, industrial or research practitioner.

PSO9. earn a higher degree or an advanced certification to become a professional psychologist.

PSO10. communicate complex psychological knowledge, both orally and in writing, with awareness of the latest field knowledge.

Scheme of Studies and Examination

M.A. PSYCHOLOGY

Session: 2018-19

	Semester I						
		Course		Ν	Iarks		Examinati
Course Code	Course Name	Туре	Total	Ex	t.	CA	on time
			TUtal	L	Р	CA	(III IIOuis)
MSYL-1441	Experimental Psychology-I (Learning and Memory)	С	100	80	-	20	3
MSYL- 1442	Social Psychology	С	100	80	-	20	3
MSYL- 1443	Statistical Techniques in Psychology	С	100	80	-	20	3
MSYL-1444	Perceptual Processes	С	100	80	-	20	3
MSYL-1445	Schools of Psychology	С	50	40	-	10	3
MSYL-1446	Group Dynamics	С	50	40	-	10	3
MSYP-1447	Practicals	С	50	-	40	10	3
	550						

M.A. PSYCHOLOGY

Session: 2018-19

Semester II							
		Course		Ν	Iarks		Examinati
Course Code	Course Name	Туре	Total	Ex	t.	C۸	on time
			10141	L	Р	CA	(III Hours)
MSYL-2441	Experimental Psychology-II (Thinking, Problems Solving & Concept Formation)	С	100	80	-	20	3
MSYL-2442	Approaches to Personality	С	100	80	-	20	3
MSYL-2443	Motivation	С	100	80	-	20	3
MSYL-2444	Experimental Designs in Psychology	С	100	80	-	20	3
MSYL-2445	Nervous System	С	50	40	-	10	3
MSYL-2446	Abnormal Psychology	С	50	40	-	10	3
MSYP-2447	Practicals	С	50	-	40	10	3
Total							

Experimental Psychology-I (Learning and Memory) Course Code: MSYL-1441 (Theory)

COURSE OUTCOMES

After passing this course the student will be able to:

CO1: develop a deep understanding and broad knowledge of the general theoretical and scientific principles of experimental psychology.

CO2: acquire in-depth knowledge in the psychological concepts of learning and memory

CO3: apply the theoretical facts for enhancing one's learning and memory and use it in everyday issues of life

CO4: understand and analyze physiological basis of learning and memory.

Experimental Psychology-I (Learning and Memory)

Course Code: MSYL-1441

(Theory)

Time: 3 hours

Max. Marks: 100 Theory: 80 CA: 20

Note: Instructions for the Paper Setters:

Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Each question will carry 16 marks. Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four).

Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

Theories of Learning: Nature, Hull, Pavlov, Tolman & Skinner

Verbal Learning: Methods, Materials and Organizational Processes

UNIT-II

Neurophysiology of Learning: Contributions of Lashley and Hebb, Split-Brain Approach, Changes at Synapse in Learning

UNIT-III

Memory: Nature, Types, Methods and Materials of Memory Serial Position Effect, Proactive and Retroactive Theories of Forgetting alongwith Experimental Evidences

UNIT-IV

Physiological Basis of Memory: Biochemistry of Memory, Two-phase Hypothesis, Role of Proteins in Memory

1.	Carlson, N.R. (2007)	Foundations of Physiological Psychology. Pearson Education, New Delhi.
2.	D. Amato, M.R. (1970)	Experimental Psychology: Methodology, Psychophysi Learning, New York: McGraw Hill Co.
3.	Ellis, H.C. (1978)	Fundamentals of Human Learning, Memory and Cogn New York, Brown Publishers.
4.	Hergenhahn, B.L. (1997)	Theories of Learning. Prentice Hall.
5.	Leukal, F.L. (1968)	Introduction to Physiological Psychology, Japan: Topp Company Ltd.
6.	Levinthal, C. F. (2003)	Introduction to physiological Psychology. Prentiee Ha United States of America.
7.	Pinel, J.P.J. (2007)	Biopsychology. Pearson Education: New Delhi.
8.	Woodworth, R. S. & Schlosberg, H. (1971)	Experimental Psychology, New York: Holt, Rinehart & Winston INC. Revised Indian Edition.
9.	Liberman, D.A. (2000)	Learning Behavior and Cognition. Stirlng: Wadsworth

Social Psychology Course Code: MSYL-1442 (Theory)

COURSE OUTCOMES

Upon completion of this course, the student should be able to:

CO1: understand and analyze the major theories, concepts, empirical findings, methods and techniques used in social psychology

CO2: apply psychological theories and empirical research in explaining behavior of individuals and groups.

CO3: create an awareness of the major problems and issues in the discipline of social psychology

CO4: understand the forces that create group differences in the patterns of social behavior and also to create respect for the behavior of other people

Social Psychology Course Code: MSYL-1442 (Theory)

Time: 3 hours

Max. Marks: 100 Theory: 80 CA: 20

Note: Instructions for the Paper Setters:

Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Each question will carry 16 marks. Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four).

Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

Social Psychology: Concept, Nature and Scope.

Group Processes: Social Facilitation, Social Loafing, Conformity, compliance and obedience.

Social Cognition: Schemas, Heuristics, Processing, Affect and Cognition

UNIT-II

Pro Social Behaviour: Concept, nature, determinants, Theoretical

Explanations of Pro-Social Behaviour.

Aggression: Determinants, Theories, Prevention and Control of aggression

UNIT-III

Interpersonal Attraction: Nature and Factors

Attitude: Concept, Nature and formation, Theories of attitude change, Measurement of Attitudes.

UNIT-IV

Attribution: Concept, cause and moral attribution, attribution for achievement. Theories: Jones and Devis', Kelley, Weiner, Heider's attribution Formulation. Stereotypes Prejudice and Discrimination

Readings: Baron, R. A., Branscombe, Social Psychology Pearson Education, New Dell 1. N. R., Byrne, D. & Bhardwaj, G. (2012) 2. Lindzey, G. & Aronsen E. (1975) The Handbook of Social Psychology, New Delhi American Publishing Co. Social Psychology, New York: John Willy Sons. 3. Raven, B. H. & Rubin, H. L. (1983) 4. Shaver, K. G.(1987) Principles of Social Psychology, Lawrence Erlat Associates, Publisher, London. Theories of Social Psychology, New York Mc H 5. Shaw, K. E. & Constanzo P. R. (1976) Co. Sinha, D. (1981) Socialization of the Indian, New Delhi: Concept 6. Publishing Co. 7. Worchel, S., Cooper, J. & Goethals, R. (Social Psychology, Wadsworth: Thomson: USA

8. Friedenberg, J. & Silverman, G. (2012) Cognition Science, Sage Publications, Inc.

Statistical Techniques in Psychology Course Code: MSYL-1443 (Theory)

COURSE OUTCOMES

Upon completion of this course, the student should be able to:

CO1: define and identify basic concepts in inferential and descriptive statistics.

CO2: develop the ability to apply the concepts and procedures of inferential and descriptive statistics.

CO3: develop the ability to think critically about data collection, analysis, and interpretation and demonstrate ability to calculate solutions to common statistical problems.

CO4: To understand the logic and application of hypothesis testing and interpretation of research results.

Statistical Techniques in Psychology

Course Code: MSYL-1443

(Theory)

Time: 3 hours

Max. Marks: 100 Theory : 80 CA: 20

Note: Instructions for the Paper Setters:

Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Each question will carry 16 marks. Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

Statistics: Parametric Vs Non-Parametric, Scales of Measurement **Tests of Significance:** t-test, z-test, chi-square test, Wilcoxon's T-test

UNIT-II

Correlation: Nature and Types, Pearson's Product Moment Method, Spearman's Rank Order Correlation **Special Correlation:** Biserial, Point-biserial, Tetrachoric and Phi-coefficient Methods

UNIT-III

Correlation: Partial and Multiple Correlation (Three Variables) **Regression:** Simple and Multiple Regression (Three Variables)

UNIT-IV

Factor Analysis: Nature and Basic Assumptions, Principal Axis, Principal Component and Centroid Methods, Problems of Factor Analysis, Rotation

1.	Guilford, J. P. & Fruchter (1978)	Fundamental Statistics in Psychology and Education New York Mcgraw Hill Series.
2.	Garrett. H. E. (1973)	Statistics in Psychology and Education, New York Denis Mckey Co.
3.	Siegal S. (1971)	Non Parametric Statistics. McGraw Hill Winer, B.J. Statistical Principles in Experimental Designs, N Vork McGraw Hill Ltd
4.	Fruchter, B. (1967)	Introduction to Factor Analysis, New Delhi, East West Press
5.	Guilford, J. P. (1954)	Psychometric Methods New York Mc Graw Hill

Perceptual Processes Course Code: MSYL-1444 (Theory)

COURSE OUTCOMES

Upon successful completion of this course, students will be able to:

CO1: learn the history and methods used in the science of sensation and perception.

CO2: distinguish between sensory input and perceptual experience, and explain the relationship that exists between the two.

CO3: analyze how sensory information is perceived and processed and how perceptual information helps us in our lives.

Perceptual Processes Course Code: MSYL-1444 (Theory)

Time: 3 hours

Max. Marks: 100 Theory : 80 CA: 20

Note: Instructions for the Paper Setters:

Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Each question will carry 16 marks. Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four).

Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

Psychophysics: Concept and Nature **Psychophysical Methods:** Method of Limits, Method of Constant Stimuli and Method of Average Error Signal Detection Theory and its Applications

UNIT-II

Eye: Structure and Functions of Eye with Special Reference to Structure of Retina **Fundamental Perceptual Phenomena**: Scotopic and Photopic Vision, Dark and Light Adaptation

UNIT-III

Perception: Perception of Form, Shape and Movement

UNIT-IV

Perception: Perception of Space, Spatial cues, Constancy Phenomena and Illusions

1.	D. Amato, M.R. (1970)	Experimental Psychology: Methodology, Psychophysics & Learning, New York: McGraw Hill Co.
2.	Rajamanickam, M. (2002)	Modern Psychophysical and Scaling Methods and Experimentation. New Delhi: Concept Publishing Company.
3.	Schiffman, H.R. (1982)	Sensation and Perception Wiley & Sons: USA.
4.	Sekuler, R & Blake, R. (199-	Perception, New York. McGraw Hill Co.
5.	Levin, H.W. (2000)	Fundamentals of Sensation and Perception. Oxford Universit Press, New York.

Schools of Psychology Course Code: MSYL-1445 (Theory)

COURSE OUTCOMES

At the end of this course student will be able to

CO1: know about the historical development of Psychology.

CO2: gain knowledge about the origin of psychology as a science

CO3: expand insight about various schools and systems of psychology

Schools of Psychology Course Code: MSYL-1445 (Theory)

Time: 3 hours

Max. Marks: 50 Theory: 40 CA: 10

Note: Instructions for the Paper Setters:

Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Each question will carry 8 marks. Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four).

Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

Emergence of Psychology as a Science, Structuralism

UNIT-II

Functionalism, Associationism

UNIT-III

Psychoanalysis and Behaviourism

UNIT-IV

Humanistic Psychology and Gestalt Psychology

1.	Chaplin, J.P. &. Krawiec (1979)	Systems and Theories of Psychology, New York, Rhinehart Winston.
2.	Hergenhahn, B. R.(2001)	An Introduction to the History of Psychology (4th Edition Wadsworth; a Division of Thompson Learning, USA
3.	Marx, M. H. & Hillix C. (1988)	Systems and Theories in Psychology. Mcgraw Hill International Editions, Psychology Series.
4.	Shultz, D.P. (2003)	History of Psychology (4th Edition) Pearson Education, Inc. York.
5.	Singh, A.K. (1991)	The Comprehensive History of Psychology, Motilal Banarsidass Publishers Pvt. Ltd., Delhi.
6.	Sinha, J. (1986)	Indian Psychology (Vol. 1), Moti lal Banarsidass Publishers Ltd., Delhi
7.	Wolman, Benjamin, B. (1979)	Contemporary Theories and Systems in Psychology Freeman Book Co., Delhi.

Group Dynamics Course Code: MSYL-1446 (Theory)

COURSE OUTCOMES

After passing this course the student will be able to:

CO1: explain the major theories of group development and describe the interpersonal and intrapersonal reactions within the context of the group.

CO2: describe methods for identifying group problems and develop appropriate strategies for their resolution

CO3: analyze different types of leadership styles and would understand the concept of power.

Group Dynamics Course Code: MSYL-1446 (Theory)

Time: 3 hours

Max. Marks: 50 Theory : 40 CA: 10

Note: Instructions for the Paper Setters:

Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Each question will carry 8 marks. Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four).

Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

Groups: Concept, Formation and Development, Theoretical Approaches to the Study of Groups

UNIT-II

Major Group Processes: Social Facilitation, Social Loafing, individuation, Coordination and fairness in Groups, Decision Making Processes in Groups

UNIT-III

Leadership: Concept, Types and Theories of Ledership (Fiedler, Path-Good Leadership, Vroom and Yetton.)

UNIT-IV

Power: Concept, Sources of Power, Power Tactics, Power and Politics, Harassment at Work Places

- Baron, R. A., Branscombe, Social Psychology Pearson Education, New Delhi.
 N. R., Byrne, D. & Bhardwai, G. (2012)
- 2. Baron, R. A. & Byne, D. (20 Social Psychology, Understanding Human Interaction, New Prentice Hall of India,
- Raven, B. H. & Rubin, Social Psychology, New York: John Willy Sons.
 H. L. (1983)
- 4. Shaw, K. E. & Constanzo P. Theories of Social Psychology, New York Mc Hill & Co. (1976)
- 5. Worchel, S., Cooper, J. (198: Understanding Social Psychology, The Dosery Press. Chicag
- 6. Shaw, M. E. (1976) Group Dynamics The Psychology of Small Group Behaviour McGraw-Hill Book Company, New Delhi.

Practicals Course Code: MSYL-1447 (Practical)

COURSE OUTCOMES

After passing this course the student will be able to:

CO1: update the students regarding the various tools used in psychological assessment.

CO2: administer psychological tools and apparatus for measuring perception,

learning, memory and social issues.

CO3: write an elaborative report about the conduction and results of the experiment.

Practicals Course Code: MSYL-1447 (Practical)

Time: 3hrs

Marks: 50 Practical marks: 40 CA: 10

Instructions for the Practical Examination:

Students are supposed to perform six practicals as mentioned in the syllabus. Practical examination will be of 3 hours duration. Examiner will conduct the practical examination. The students will perform one practical in the exam carrying 40 marks. Evaluation of the practical would be done on the basis of

1. write–up of file book (15 Marks),

2. performance and viva–voce (25Marks) relating to the practicals.

In case students have not completed 5 practicals, the examiner will deduct marks at the rate of 5 for each left practical out of total evaluation of the student. No reappear will be allowed in the practical examination. Fail in the practical will be considered fail overall in the subject.

Practicals

- 1. Perception Influence Test
- 2. Learning
- 3. Sentence Completion Test
- 4. Memory
- 5. Aggression
- 6. Interpersonal Attraction

Experimental Psychology-II (Thinking, Problems Solving & Concept Formation) Course Code: MSYL-2441 (Theory)

COURSE OUTCOMES

At the end of this course student will be able to

CO1: develop a deep understanding and broad knowledge of the general theoretical and scientific principles of experimental psychology.

CO2: understand and analyze the major theories, concepts, methods and techniques used in thinking, problem solving and concept formation.

CO3: apply the theoretical facts for enhancing one's thinking, problem solving and concept formation and use it in everyday issues of life

Experimental Psychology-II (Thinking, Problems Solving & Concept Formation) **Course Code: MSYL-2441** (Theory)

Time: 3 hours

Max. Marks: 100 Theory: 80 CA: 20

Note: Instructions for the Paper Setters:

Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Each question will carry 16 marks. Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

Thinking: Nature, Tools and Theories Thinking (Hypothesis Testing, Gestalt, Piaget and Information Processing)

UNIT-II

Problem Solving: Nature, Stages and Theories of Problem Solving

UNIT-III

Concept formation: Nature, Rules and Strategies, Factors affecting Concept Learning

UNIT-IV

Reasoning: Inductive and Deductive Reasoning.

1.	Bourne, J. E., Ekstrand, B.R. & Dominowski, R.L. (1971).	2 Psychology of Thinking. Prentice Hall Inc.
2.	Ellis, H.C. (1978)	Fundamentals of Human Learning, Memory and Cognition, New York, Brown Publishers.
3.	Mayer, R.E. (1981).	The Promise of Cognitive Psychology Freeman and Co., New York.
4.	Wessels, M.G. (1982).	Cognitive Psychology, Harper & Raw publishers, New York.
5.	Matlin, M.W. (2003)	Cognition. Wiley & Sons, USA.

Approaches to Personality Course Code: MSYL-2442 (Theory)

COURSE OUTCOMES

Upon successful completion of this course, students will be able to:

CO1: develop understanding of the basic approaches towards personality developed by the major schools

CO2: demonstrate an understanding of the major theories in personality, including their basic concepts and principles, views of personality development, assessment techniques and treatment principles.

CO3: discuss how behavior problems are understood and modified according to the major theories of personality.

Approaches to Personality Course Code: MSYL-2442 (Theory)

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Time: 3 hours

Max. Marks: 100 Theory: 80 CA: 20

Note: Instructions for the Paper Setters:

Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Each question will carry 16 marks. Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

Psychodynamic Approach: Psychoanalytic Theory (Sigmund Freud) **Neo-Freudian Psychoanalysis:** Carl Jung, Alfred Adler and Karen Horney **Life Span Approach:** Erik Erikson

UNIT-II

Humanistic Approaches: Abraham Maslow, Carl Rogers and Rollo May

UNIT-III

Cognitive Approach: George Kelly **Social Learning Approaches:** Miller and Dollard, Bandura and Julian Rotter

UNIT-IV

Trait Approaches: Hans Eysenck, Raymond Cattell and Gordon Allport.

1.	Burger, J.M. (2000)	Personality (Fifth Edition) Wads worth and Thompson Ltd., Belment, U.S.A.
2.	Hall, L.A. & Lindsey ,G. (1978)	Theories of Personality, Wiley Eastern Ltd., New Delhi.
3.	Hijelle D.A. & D.J. (1985)	Ziegler Personality Theories Basic Assumptions, Research and Applications, McGraw Hill International Book Company, New Delhi.
4.	Mischel, W. (1986)	Introduction to Personality. Holt, Rhinehart and Winston Inc. London.
5.	Pervin, L.A. & John, O.P. (1997)	Personality Theory and Research, John Wiley & Sons, Inc.
6.	Phares, J. E. (1984)	Introductions to Personality Charlis E. Merrill Publishing Company a Bell and Howell Company Coloumbus, Ohio.
7.	Shultz. D.P. & Shultz. S.E. (2001)	Theories of Personality Wadsworth Thompson Learning, Belment, U.S.A.
8.	Sigelman, C.K.& Rider, E.A. (2003)	Life Span: Human Development. Thomson Wadsworth, USA

Motivation Course Code: MSYL-2443 (Theory)

COURSE OUTCOMES

Upon successful completion of this course, students will be able to:

CO1: understand and analyze the major theories, concepts, empirical findings,

methods and techniques used in motivation

CO2: appreciate different views of how people are motivated and apply different theories to an individual's motivation.

CO3: apply motivational theory and empirical research in explaining human behavior.

Motivation Course Code: MSYL-2443 (Theory)

Time: 3 hours

Max. Marks: 100 Theory : 80 CA: 20

Note: Instructions for the Paper Setters:

Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Each question will carry 16 marks. Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

Motivation: Concept, History, Characteristics, Classification and Measurement **Need Reduction Theories:** Psychoanalytic (Freud) and Drive (Hull, Spence and Miller and Mowrer)

UNIT-II

Expectancy Value: Field Theory (Lewin), Achievement Motivation Theory (Mc-Clleland and Atkinson), Social Learning Theory (Rotter) **Mastery and Growth:** Humanistic (Maslow, Herzberg), Vroom, Porter and Lawler

UNIT-III

Hunger and Thirst: Neuro-physiological Basis, Eating Disorders

UNIT-IV

Sleep: Physiological & Behavioural Description of Sleep & Waking Biological Clocks and Disorders of Sleep **Sexual Behaviour:** Neuro-physiological Basis

1.	Atkinson, J. W. & D. Birch, (1978)	An Introduction to Motivation Van Nostrand Company, New York.
2.	Atkinson, R. C. (1999)	Stevens Handbook of Experimental Psychology John Wiley & Sons, Canada.
3.	Bolles, R. C. (1975)	Theory of Motivation. Harper & Row
4.	Cofer, C. N. & Appley, M.H. (1964)	Motivation: Theory and Research John Wiley & Sons, Inc. New York
5.	Geen, R.; Beathy, W. Arkin, R. M. (1984)	Human Motivation: Physiological Behavioural and Social Approaches. Allyn & Bacon, Inc.
6.	Weiner, B. ((1985)	Motivation, Springer-Verlay New York.
7.	Weiner, B. (1992)	Human Motivation, Metaphors, Theories and Research Sage Publications, New Delhi.

Experimental Designs in Psychology Course Code: MSYL-2444 (Theory)

COURSE OUTCOMES

At the end of this course student will be able to

CO1: understand different types of research methodologies and will be able to use them in research projects.

CO2: understand various experimental designs, including selection and layout of plots, data analysis and data interpretation.

CO3: understand the basic principles for the analysis of experimental data, including identification of significant treatment effects.

Experimental Designs in Psychology Course Code: MSYL-2444 (Theory)

Time: 3 hours

Max. Marks: 100 Theory: 80 CA: 20

Note: Instructions for the Paper Setters:

Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Each question will carry 16 marks. Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

Types of Research: Naturalistic Observation, Field Studies, Survey Research, Ex-post Facto Research and Laboratory Experiments, Quasi-Experimental Designs and Single Subject Designs

ANOVA: Nature and Assumptions

UNIT-II

Designs: Randomized Group and Randomized Block Designs, Latin Square and Greco Latin Square Designs UNIT-III

Factorial Designs: Two way and Three way ANOVA

UNIT-IV

Multiple Comparison Tests: Duncan and Newmankeuls Tests ANCOVA: ANCOVA of Randomized Group Design

1.	Broota, K.D. (1990)	Experimental Designs in Behaviour Research, Willey Eastern Ltd., New Delhi.
2.	Edwards, A.L.(1972)	Experimental Designs in Psychological Research, Holt Rinehard and Winston Ltd., New York
3.	Kerlinger, F.N.(1964)	Foundations of Behavioural Research Holt, Rienhart & Winston Ltd., New York
4.	Mc Guigan, F.J. (1990)	Experimental Psychology, Methods of Research Prentice- Hall Private Ltd. New Delhi.
5.	Singh, A.K. (1986)	Tests, Measurements and Research Methods in Behaviour Sciences,. Tata McGraw Hill Co., New Delhi.
6	Richardson, P., Goodwin, A& Vine, E. (2011)	Research Methods and Designs in Psychology. Learning Matters Ltd.
7.	Coolican, H. (1995)	Introduction to Research Methods and Statistics in Psychology. Hodder & Stoughton.

Nervous System Course Code: MSYL-2445 (Theory)

COURSE OUTCOMES

After passing this course the student will be able to:

CO1: acquire basic knowledge about the structure and function of nervous system.

CO2: describe and understand the interaction of different parts of the nervous system with higher cognitive functions

CO3: explain the influence of neurological disturbances and illnesses on sensory, motor, cognitive and executive functions

Nervous System Course Code: MSYL-2445 (Theory)

Time: 3 hours

Max. Marks: 50 Theory : 40 CA:10

Note: Instructions for the Paper Setters:

Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Each question will carry 8 marks. Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

Nervous System: Classification, Structure, Types and Functions of Neurons

UNIT-II

Synapse: Structure, Types and Functions, Theories of Synaptic Transmission (Electrical and and chem

UNIT-III

Central Nervous System: Structure and Functions (Limbic System, Hypothalamus, Cerebral Cortex Lobes, RAS)

UNIT-IV

Autonomic Nervous System: Structure and Functions

1.	Carlson, N.R. (2007).	Foundations of Physiological Psychology, Pearson Education
2.	Leukal, F.L. (1968).	Introduction to physiological psychology, Japan: Toppan Company Ltd.
3.	Pinel, J.P.J. (2007).	Biopsychology. Pearson Education: New Delhi.
4.	Thompson, R. (1967).	Foundations of Physiological Psychology. Harper & Row Publishers New York.

Abnormal Psychology

Course Code: MSYL-2446 (Theory)

COURSE OUTCOMES

After passing this course the student will be able to:

CO1: explain the issues and concepts of abnormal psychology and its place in historical and current society

CO2: acquaint students with multiple causes of abnormal behavior as viewed from a number of different theoretical perspectives

CO3: understand different types, classification and diagnosis of mental disorders.

CO4: describe and apply different strategies for the treatment of mental disorders.

Abnormal Psychology

Course Code: MSYL-2446 (Theory)

Time: 3 hours

Max. Marks: 50 Theory : 40 CA: 10

Note: Instruction for the Paper Setters:

Eight questions of equal marks are to be set, two in each of the four Sections (A-D). Each question will carry 8 marks. Questions of Sections A-D should be set from Units I-IV of the syllabus respectively. Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section.

UNIT-I

Abnormal Psychology: Concept and History, Myths and Misconceptions, Criteria of Abnormality, Classification of Mental Disorders (DSM V and ICD) UNIT-II

Generalized Anxiety Disorders: Diagnostic Criteria, Etiology, Prognosis and Intervention. Phobias: Diagnostic Criteria, Etiology, Prognosis and Intervention. Obsessive-compulsive Disorder: Diagnostic Criteria, Etiology, Prognosis and Intervention. UNIT-III

Mood, Somatoform and Dissociative disorders: Diagnostic Criteria, Etiology, Prognosis and Intervention.

UNIT-IV

Schizophrenia: Types, Diagnostic Criteria, Etiology, Prognosis and Intervention. Disorders of Childhood (ADHD and Autism):

1.	Carson, R. C., Butcher, J.N. and Mineka, S. (2003)	Abnormal Psychology and Modern Life, New York: Harper Collins.
2.	Davison, G.C. and Neale, J.M. (1998)	Abnormal Psychology, New York: John Wiley and Sons.
3.	Sarason, I.G. and Sarason, B. R. (1996)	Abnormal Psychology, New Delhi: Prentice Hall of India.
4.	Alloy, L. B., Riskind, J.H. & Manso, M.J. (2006)	Abnormal Psychology Tata McGraw Hill Publishing Company, New Delhi.

Practicals Course Code: MSYL-2447 (Practical)

COURSE OUTCOMES

At the end of this course student will be able to

CO1: update the students regarding the various tools used in psychological assessment.

CO2: administer psychological tools and apparatus for measuring thinking, problem solving and personality.

CO3: write an elaborative report about the conduction and results of the experiment.

Practicals Course Code: MSYL-2447 (Practical)

Time: 3hrs

Marks: 50 Practical Marks: 40 CA: 10

Instructions for the Practical Examination:

Students are supposed to perform six practicals as mentioned in the syllabus. Practical examination will be of 3 hours duration. Examiner will conduct the practical examination. The students will perform one practical in the exam carrying 35 marks. Evaluation of the practical would be done on the basis of-

1. write–up of file book (15 Marks),

2. performance and viva–voce (25Marks) relating to the practicals.

In case students have not completed 5 practicals, the examiner will deduct marks at the rate of 5 for each left practical out of total evaluation of the student. No reappear will be allowed in the practical examination. Fail in the practical will be considered fail overall in the subject.

Practicals

- 1. Problem Solving Test
- 2. Thinking
- 3. Eysenck's Maudsley Personality Inventory
- 4. P.G.I. Battery of Brain Dysfunction
- 5. Social Motives Scale
- 6. Personality