

Psychology

MJC Psychology

SEMESTER-I

PAPER	:	MJC-I (T)	Full Marks : 100
TITLE OF THE PAPER	:	Introduction to General Psychology	ESE : 70
CREDIT	:	4	CIA : 30

Course Outcomes

After the completion of the course, the students will be able to:

- CO1: Get understanding about psychology, its sub-field and perspectives.
- CO2: Acquaint themselves of major concepts, theoretical perspectives and research findings in Psychology.
- CO3: Develop familiarity of various psychological processes such as learning, memory, motivation, emotion, etc.
- CO4: Develop an insight into their own and others' behavior and underlying mental processes.

MJC 1: Introduction to General Psychology (Theory:4credit)		
Unit	Topics to be covered	No. of Lectures
1	Introduction 1.1 Psychology as a scientific study of behavior, Sub-fields and applications of Psychology 1.2 Perspectives of Psychology-Psychodynamic, Behavioral, Cognitive, Humanistic and Positive 1.3 Methods : Experimental, Interview and Case study	08
2	Learning and Memory 2.1 Learning: Meaning, Theories of learning: Classical conditioning, Instrumental conditioning and Observational learning 2.2 Memory: Sensory, STM and LTM; Forgetting and its causes	10
3	Motivation & Emotion 3.1 Motivation : Nature and types, Need-hierarchy model 3.2 Emotion : Nature, Bodily changes in emotion, 3.3 Theories of emotion - James-Lange theory, Cannon-Bard theory and Schachter- Singer theory 3.4 Emotional Intelligence- Meaning, Dimensions and implications	12
4	Individual Differences 4.1 Intelligence : Nature and Theories: Spearman's Two-factor theory, Thurstone's theory and Sternberg's Triarchic theory of intelligence 4.2 Personality : Nature, Determinants and theories, Freud, Social cognitive theory, Big Five Factor theory	10
TOTAL		40

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SEMESTER-I

PAPER	:	MJC-I (P)	Full Marks : 100
TITLE OF THE PAPER	:	Introduction to General Psychology	ESE : 70
CREDIT	:	2	CIA : 30

MJC 1: Introduction to General Psychology (Practical : 2 credit)

Practical:-

Based on course MJC 1(P) Introduction to General Psychology, students are required to conduct any TWO experiments from the following :-

1. Transfer of Training.
2. Learning by Serial recall
3. Zeigarnik Effect
4. Effect of knowledge of result on performance
5. Retroactive Inhibition

Suggested Readings:

1. Morgan, C.T., King, R.A., Weiss, J.R.; and Schopler, J. (1993). Introduction to Psychology. New York: Tata McGraw Hill.
2. Ciccarelli, S.K. & Meyer, G.E. (2007). Psychology (South Asian Edition). India: Pearson Education Inc.
3. Baron, R. A. & Misra, G. (2014). Psychology, Indian Subcontinent Edition, Pearson Education.
4. Singh, A.K. Uchchatar Samanya Manovigyan. Motilal Banarsidas, Patna.
5. Suleman & Tarannum (2005). Manovigyan mein Prayog aur Parikshan, Motilal Banarasi Das.
6. Singh, A. K. (2014). Uchchatar Manovigyanik Prayog evam Parikshan, Motilal Banarasi Das.
7. Mohsin, S. M. (1974). Experiments in Psychology, Oxford Publications, New Delhi.
8. D. Amato, M. R. (1970). Experimental Psychology : Methodology, Psycho-physics & learning, New York, Mc Graw Hill.

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SEMESTER-II

PAPER	:	MJC-2 (T)	Full Marks : 100
TITLE OF THE PAPER	:	Foundation of Social Psychology	ESE : 70
CREDIT	:	4	CIA : 30

Course Outcomes

After the completion of the course, the student will be able to:

- CO1: Understand the basic socio-psychological concepts, relevant methods.
CO2: Familiarize with different socio-psychological concepts in relation to real life social issues.
CO3: Develop an understanding pertaining to social influence processes, concepts of harming and helping behaviours, etc.
CO4: Understand the way in which social psychology diverges or converges with our own common sense in understanding of the world.

MJC 2 : Foundation of Social Psychology (Theory : 4 credit)		
Unit	Topics to be covered	No. of Lectures
1	Introduction 1.1 Social Psychology: Definition, Nature and Scope 1.2 Methods of social psychology: Survey and Correlation methods	06
2	Social Perception and Social Cognitions 2.1 Social perception: Meaning, Role of Non-verbal cues. 2.2 Impression formation and management 2.3 Social cognition : Social Loafing and Social Facilitation 2.4 Social influence: Conformity, Compliance and Obedience 2.5 Interpersonal attraction: Meaning and Factors of interpersonal attraction	14
3	Behavior in Groups 3.1 Nature, Classification and Functions of group 3.2 Group dynamics, Group decision making, 3.3 Factors influencing group cohesiveness 3.4 Intergroup relations: Prejudice, Sources and Reduction, techniques	10
4	Attitude, Prosocial behavior and Aggression 4.1 Attitude: Nature, Components, Formation of attitude 4.2 Change of attitude - Balance theory, Cognitive Dissonance theory 4.3 Prosocial behavior: Nature, Determinants, theories 4.4 Aggression: Nature, Causes and Control	10
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SEMESTER-II

PAPER	:	MJC-2 (P)	Full Marks : 100
TITLE OF THE PAPER	:	Foundation of Social Psychology	ESE : 70
CREDIT	:	2	CIA : 30

MJC 2: Foundation of Social Psychology (Practical) **(Practical: 2 credits)**

Practical:-

Based on course MJC 2 (P) Foundation of Social Psychology, students are required to conduct any TWO tests from the following -

1. Attitude Measurement
2. Social behavior
3. Social competence
4. Self-concept / Self esteem

Suggested Readings:

1. Baron, R.A. & Branscombe, N.R. (2011). Social Psychology (13th Edition), Pearson Education: New Delhi.
2. Baumister, R.F. & Bushman, B.J. (2013). Social Psychology and Human Nature, Wadsworth.
3. Misra, G. (1990). Applied Social Psychology in India: Sage Publications: New Delhi.
4. Myers, D.G. (2010). Exploring Social Psychology, New York: McGraw Hill.
5. Singh, A. K. Uchhtar Samaj Manovigyan. Motilal Banarsidas.
6. Singh, A. K. (2014). Uchhtar Manovigyanik Prayog evam Parikshan. Motilal Banarsidas.

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SEMESTER- III

MJC-3: Developmental Psychology

Course Outcomes

After the completion of the course, the student will be able to:

- CO1:** Get the knowledge of human developmental processes along with theoretical perspectives.
CO2: Understand the concept and process of human development across the life span.
CO3: Know the various domains of human development.
CO4: Comprehend the role of biological, social, psychological, environmental, physical and adjustment related factors in developmental process.

MJC-3 : Developmental Psychology(T)		ESE-70 CIA-30
(5 credits) Full Marks: 100		
Unit	Topics to be covered	No. of Lectures
1	Introduction 1.1 Life Span Perspective : Nature, Importance and Principles 1.2 Stages of Development 1.3 Methods of Study: Longitudinal, Observation and Cross-sectional studies 1.4 Factors in Development: Biogenic, Psychogenic and Sociogenic	10
2	Cognitive and Language Development 2.1 Cognitive development; Meaning, Theories of cognitive development: Piaget's theory, Vygotsky's theory 2.2 Language development: Meaning, Chomsky's theory 2.3 Moral development: Meaning, Kohlberg's theory, Gilligan's Theory	14
3	Physical and Emotional Development 3.1 Physical development – Influence of physical development on behaviour 3.2 Emotional Development – Nature of emotional behaviour, Factors affecting emotionality 3.3 Erikson's theory of Psycho-social development	16
4	Social Context of Development 4.1 Family 4.2 School 4.3 Peers 4.4 Media	10
	Total	50

Suggested Readings:

1. Berk, L.E. (2003). Child Development. New Delhi: Pearson Education.
2. Hurlock, E.B. (1981). Child Development (6th Ed.). McGraw Hill Co., Auckland.
3. Shrimali, S.S. (2005). Child Development. New Delhi, Pearson Education.
4. Stanrock, J.W. (2015). Child Development: An Introduction (12th Ed.), McGraw Hill Co
5. Srivastava, A.K. (1997). Child Development: An Indian Perspective. New Delhi.

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SEMESTER- III
MJC-4: Introduction to Statistics
Course Outcomes

After the completion of the course, the student will be able to:

- CO1:** Understand the nature of psychological variables and measurement scale.
CO2: Comprehend the processes of describing and reporting statistical data.
CO3: Draw inferences and conclusions for hypothesis testing using appropriate statistical analysis.
CO4: Know basic statistical methods and their utility for empirical research.
CO5: Learn to use suitable statistical techniques for interpreting research findings.

MJC-4 : Introduction to Statistics (T)		ESE-70 CIA-30
(3 credit) Full Marks-100		
Unit	Topics to be covered	No. of Lectures
1	Fundamentals of statistics 1.1 Meaning and Uses of statistics in Psychology 1.2 Variables: Meaning and Types – Categorical and Continuous 1.3 Levels of Measurement- Nominal, Ordinal, Interval, and Ratio	5
2	Introduction to Descriptive Statistics 2.1 Basic concept of Descriptive and Inferential statistics 2.2 Frequency distribution of data and Graphic presentation: Histogram, Polygon and Ogive 2.3 Measures of Central tendency: Calculation of Mean, Median and Mode 2.4 Measures of Variability: Calculation of Range, QD, AD, SD	10
3	Correlation and t-test 3.1 Correlation: Concept; Types of correlation 3.2 Calculation of Correlation: Product moment and Rank difference method 3.3 Calculation of t-test: Independent group and Correlated group	10
4	Chi square 4.1 Chi square: Concept 4.2 Computation of Chi square: Equal distribution hypothesis and Independent hypothesis	5
Total		30

Suggested Readings:

1. Coolican, H. (2004). Research methods and Statistics in Psychology. Hoddes Arnold. London.
2. Edwards, A.L. (1985). Experimental designs in psychological research. Harper & Row. New York.
3. Garrett, H. E (2005). Statistics in psychology and Education. Paragon international Publishers. New Delhi
4. Singh R., Shyam R & Gupta, L. (2015) Fundamental Statistics for Social Sciences. Intellectual Foundation. Happy Book Dept., Delhi Road, Model Town, Rohtak.
5. Mishra, G.C. (2018). Applications of Statistics in Psychology and Education, Kalyani Publisher, New Delhi.
6. Singh, A.K. (2012). Manovigyan, Samajshastra tatha Shiksha mein Saankhyiki. Novelty & Company.

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MJC-4 (P) : Introduction to Statistics (P) (Pactical: 1 credit)	
Full Marks-100 ESE-70 CIA-30	
Practical:- Based on course MJC-4(T) Introduction to Statistics, students are required to carry on statistical analysis from the following by taking data given in the book's exercises or any hypothetical data.	Practicum Hours
1. Computation of t-test 2. Computation of Chi-Square 3. Computation of Correlation	3 3 4
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SEMESTER – IV

MJC-5: Abnormal Psychology

Course Outcomes

After the completion of the course, the student will be able to:

- CO1:** Understand the concept of abnormality.
CO2: Gain knowledge of the different theories and models of abnormal behaviour
CO3: Understand Stress, Phobias, Obsessive Compulsive disorders, Depression, Schizophrenia.
CO4: Learn about developmental disorders.

MJC-5 : Abnormal Psychology (T)		ESE-70 CIA-30
(5 credit) Full Marks: 100		
Unit	Topics to be covered	No. of Lectures
1	Introduction 1.1 Definition and Nature of Abnormal behaviour 1.2 Historical Background of Abnormal Psychology 1.3 Criteria of abnormality 1.4 Classification System : DSM -5 and ICD-11	12
2	Models of Abnormality 2.1 Biological model 2.2 Psychodynamic model 2.3 Behaviourist model 2.4 Cognitive model	12
3	Psychological Disorders 3.1 Phobias – Symptoms, Types and Causes 3.2 Obsessive Compulsive Disorders – Clinical picture, and Causes 3.3 Depressive Disorders – Clinical picture and Causes 3.4 Schizophrenia – Clinical picture, Types and Causes	14
4	Neurodevelopmental Disorders 4.1 Intellectual Disorders- Meaning, Types, and Causes 4.2 Autism Spectrum Disorder- Meaning, Clinical picture and Causes 4.3 Attention Deficit / Hyperactivity Disorder- Meaning, Clinical picture and Causes	12
	Total	50

Suggested Readings:

1. Carson, R. C., Butcher, J. N., Mineka, S. & Hooley, J. M. Abnormal Psychology, Pearson.
2. Wilson, Nathan, O'leary Clark. Abnormal Psychology: An integrating Perspective. Allyn and Bacon.
3. Sarason, I. G & Sarason, B. R. (2005). Abnormal Psychology: The Problem of Maladaptive Behavior, Eleventh Ed. Prentice Hall.
4. Comer, R. J. Abnormal Psychology: Princeton University, Worth Publishers, New York.
5. Lauren B. Alloy, Neil S. Jacobson, Joan Acocella Abnormal Psychology: Current Perspectives, McGraw Hill.
6. Singh A.K. Manovikriti Manovigyan, Motilal Books.
7. Coleman, JC. Abnormal Psychology and Modern Life, Scott Foreman and Company.

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SEMESTER – IV

MJC-6: Educational Psychology

Course Outcomes

After the completion of the course, the student will be able to:

- CO1:** Understand the area of educational psychology.
CO2: Appreciate the need and importance of study of educational psychology in understanding, analyzing and interpreting the development of learner.
CO3: Get knowledge on effective teaching and classroom management.
CO4: Comprehend the applications of psychology in the area of education.

MIC-6 : Educational Psychology (T) (3 credit) Full Marks:100		ESE-70 CIA-30
Unit	Topics to be covered	No. of Lectures
1	Introduction 1.1 Meaning, Nature, Scope, Aims and Relevance of Educational Psychology 1.2 Perspectives of Educational Psychology: Behaviouristic, Observational learning, Cognitive and Humanistic	6
2	Individual Differences and Educational Implications 2.1 Individual Differences: Meaning and Significance 2.2 Dimensions of Individual Differences – Psychological and Physical 2.3 Educational Implications of Individual Differences	7
3	Effective Teaching and Classroom Management 3.1 Characteristics of Effective Teachers 3.2 Teaching Methods & Issues Related to Technological Advances 3.3 Classroom Management 3.4 Creativity: Meaning, Characteristics of Creative Person, Role of School in Promoting Creativity in Children	7
4	Exceptionality and Special Education 4.1 Exceptional Children: Meaning and Characteristics 4.2 Importance and Need to Educate Exceptional Children 4.3 Responsibilities of Teachers towards Learners with Special Needs 4.4 Types of Exceptional Children: Gifted, Academically Backward, Learning Disabled and Children with behavioral problems	10
Total		30

Suggested Readings:

1. Lahey R.B. Graham J. E., (2000) An Introduction to Educational Psychology, 6th Ed., Tata McGraw Hill Publishers, New Delhi.
2. Mangal, S.K. (2017). Essentials of Educational Psychology, PHI Learning, Delhi
3. Santrock, John, W. (2010) Educational Psychology, Inwin Professional Publishers, Delhi.
4. Woolfolk A & Woolfolk H A (2008) Educational Psychology, Pearson, New Delhi.
5. Agarwal, J.C. (2014). Essentials of Educational Psychology. Vikas Publishing House.
6. Suleman, Md, Shiksha Manovigyaan.
7. Singh, A.K. Shiksha Manovigyaan. Bharti Bhawan.

MJC-6 : Educational Psychology (P) (2 credit) Full Marks-100		ESE-70 CIA-30
Practical:- Based on course MJC-6 (T) Educational Psychology, students are required to conduct any TWO tests in examination related to the following – 1. Achievement motivation 2. Interest test 3. Classroom climate 4. Academic stress 5. Curiosity		Practicum Hours 4 4 4 4 4 20
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SEMESTER – IV
MJC-7: Systems of Psychology

Course Outcomes

After the completion of the course, the student will be able to:

- CO1:** Understand the developmental history of psychology.
CO2: Understand the structuralist and behaviorist schools of Psychology.
CO3: Become acquainted with the role of Freud and Neo-Freudians in the development of Psychology.
CO4: Acquaint with the third force of psychology.

MJC-7 : Systems of Psychology (T) (3 Credit)		ESE-70 CIA-30
Unit	Topics to be covered	No. of Lectures
1	Structuralism and Functionalism 1.1 Structuralism: Contribution of Wundt and Titchner 1.2 Functionalism: Contribution of Chicago and Columbia school	4
2	Behaviourism 2.1 Contribution of Watson as a founder of Behaviourism 2.2 Theories of Pavlov, Skinner and Bandura	4
3	Psychoanalysis and Gestalt Psychology 3.1 Contributions of Freud as founder of Psychoanalysis 3.2 Neo-Freudians: Carl Gustav Jung, Alfred Adler 3.3 Contributions of Wertheimer in founding Gestalt Psychology	10
4	Humanistic Psychology 4.1 Major features of Humanistic Psychology 4.2 Contribution of Rogers and Maslow	4
5	Existential Psychology 5.1 Basic Tenets of Existential Psychology 5.2 Contribution of Rollo May and Viktor Frankl	4
6	Indian Psychology 5.1 Introduction to Indian Psychology 5.2 Eminent Indian Psychologists	4
	Total	30

Suggest Readings:

1. Boring, E.G. (1969). A History of Experimental Psychology. New Delhi: Times of India Press.
2. Murphy, G. & Kovach, J.K. (1972). Historical Introduction to Modern Psychology. London: Routledge and Kegan Paul.
3. Marx, M.H. & Hillix, W.A.C. (1987). Systems and Theories in Psychology. New York: McGrawHill.
4. Woodworth, R.S. & Sheehan, M.R. (1970). Contemporary Schools of Psychology. London: Methuen & Co.
5. Cornelissen, R.M.M, Mishra, G., & Varma, S. (2013). Foundations of Indian Psychology. Pearson.
6. Singh, A. K. Manovigyaan kay Sampradaya evam Itihaas. Motilal International.
7. Pathak R.P.(2009). Bhartiya Manovigyan. Radha Publication.
8. Hall, C., S., Lindzey, G. & Campbell, J.B., Theories of personality. Wiley India.

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MJC-7 : Systems of Psychology (P) (2 credit) Full Marks-100		ESE-70 CIA-30
Practical:- Based on course MJC-7 (T) Systems of Psychology , students are required to conduct any TWO tests in examination related to the following – Prepared detail biography of the following psychologists: 1. Wundt 2. Freud 3. Rogers 4. Bandura		Practicum Hours 5 5 5 5
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SEMESTER – V

MJC-8: Clinical Psychology

Course Outcomes

After the completion of the course, the student will be able to:

- CO1:** Develop an understanding of the nature and historical perspectives of Clinical Psychology
CO2: Gain knowledge of clinical assessment
CO3: Understand the activities and roles of clinical Psychologists
CO4: Apply the knowledge in clinical intervention

MJC-8: Clinical Psychology (T) (3 Credits) (Full Marks :100)		ESE-70 CIA-30
Unit	Topics to be covered	No. of Lectures
1	Introduction 1.1 Meaning, Nature and Historical perspectives 1.2 Distinction between Clinical and Abnormal psychology 1.3 Education and Training of Clinical Psychologists	6
2	Role / Functions of Clinical Psychologists in different Fields 2.1 Mental hospital 2.2 Child guidance clinic 2.3 School 2.4 Industry	8
3	Clinical Assessment & Techniques 3.1 Nature and Purpose of clinical assessment 3.2 Techniques: Observation; Case history; Interviews 3.3 Objective measures – MMPI 3.4 Projective Measures – Sentence Completion Test	8
4	Clinical Intervention 4.1 Psychotherapy: Meaning and Goal 4.2 Psychotherapeutic techniques: Freudian Psychoanalytical therapy 4.3 Behavior therapy: Cognitive behavioral therapy	8
Total		30

Suggested Readings :

- 1 Hecker, J. E. & Thorpe, G.L. (2005) Introduction to Clinical Psychology: Science, Practice and Ethics. Pearson Education, Delhi.
- 2 Korchin, S.J. (1976) Modern Clinical Psychology: Principles of Intervention in the Clinic and Community, Basic Books Publishers New York.
- 3 Phares, E.J. (1981) Clinical Psychology: Concepts, Methods & Profession, Dorsey Press.
- 4 Coleman, J.C. Abnormal Psychology and Modern Life. Scott Foresman.
- 5 Md. Sulemaan: Aadhunik Naidanik Manovigyan
- 6 Singh A.K: Uchchatar Naidanik Manovigyan. Motilal International.

MJC- 8 : Clinical Psychology (P)		ESE-70
(2 credit)		CIA-30
Full Marks-100		
Practical:- Based on course MJC-8 (T) Clinical Psychology, students are required to conduct any TWO Tests in examination related to the following:- 1. Personality 2. Emotion 3. Anxiety 4. Adjustment		Practicum Hours 5 5 5 5
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SEMESTER – V

MJC-9: Guidance and Counselling Psychology

Course Outcomes

After the completion of the course, the student will have to:

- CO1:** Gain understanding of relevant concepts of counselling and guidance.
CO2: Develop understanding of counselling process and guidance.
CO3: Acquaint with the different areas of counselling and guidance.
CO4: Learn the counselling skills and undertake counselling and plan psychosocial interventions.

MJC-9 : Counselling and Guidance Psychology (T) (3 credit) Full Marks-100		ESE-70 CIA-30
Unit	Topics to be covered	No. of Lectures
1	Introduction to Guidance and Counselling 1.1 Counselling: Meaning and Nature, Objectives, Types of counselling 1.2 Guidance: Meaning and Nature, Objectives, Types of guidance 1.3 Difference between Guidance and Counselling; Counselling and Psychotherapy	8
2	Process of Guidance and Counselling 2.1 Principle of guidance and counselling 2.2 Process of counselling 2.3 Factors influencing the guidance and counselling 2.4 Barriers in guidance and counselling process	8
3	Guidance and Conselling Specialities 3.1 Individual and Group Counselling 3.2 Educational and Career Counselling 3.3 Family Counselling	8
4	Guidance and Counselling as a Profession 4.1 Skills for Guidance and Counselling 4.2 Ethical issues in Guidance and Counselling	6
Total		30

Reading List:

- 1 Gladding, S. E. (2018). Counseling: A Comprehensive Profession, Eight Ed. Pearson
- 2 Gibson, R.L and Mitchell M.H (2006): Introduction to counselling and guidance, Sixth Ed., Pearson, New Delhi.
- 3 Jones and Smith: Theories of Counselling and Psychotherapy, Sage
- 4 Gerald Corey: Counselling and Psychotherapy, Cengage.
- 5 Kottler, J.A., & Shepard, D.S. (2008). Counseling. Theories and Practices. New Delhi: Brooks/Cole Cengage Learning.
- 6 Narayan Rao: Counselling Psychology, Tata McGraw Hill.
- 7 Singh A.K., Nirdeshan evam Paramarshan. Motilal Books

MJC- 9 : Counselling and Guidance Psychology (P) (2 credits)	ESE-70 CIA-30
Practical:- Based on course MJC-8 (T) Clinical Psychology, students are required to conduct any TWO Tests in examination related to the following:- 1. Case history and suggested counseling 2. EPQ 3. WAT	Practicum Hours 10 5 5
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SEMESTER – VI
MJC-10: Cognitive Psychology
Course Outcomes

After the completion of the course, the student will be able to:

- CO1:** Become familiar with the area of study and its various approaches and methods.
CO2: Understand various models and theories of domains of cognitive psychology.
CO3: Comprehend the concept of attention and perception and their associated concepts.
CO4: Get acquainted with the concept of memory, forgetting, thinking, decision making and problem solving.

MJC-10 : Cognitive Psychology (T) (4 credits) Full Marks-100		ESE-70 CIA-30
Unit	Topics to be covered	No. of Lectures
1	Introduction 1.1 Meaning and Nature of Cognitive Psychology; 1.2 Approaches to Cognitive Psychology 1.3 Methods of study- Behavioural and Physiological	8
2	Perception and Attention 2.1 Attention: Meaning, Types of attention, Factors influencing selective attention 2.2 Perception: Meaning, Gestalt's theory of perception, Factors of perception 2.3 Depth perception: Monocular and Binocular cues	10
3	Thinking, Problem Solving and Creativity 3.1 Thinking: Meaning, Nature and Tools of thinking; Convergent and Divergent thinking 3.2 Problem solving: Meaning and Strategies – Trial and error, Algorithms, Heuristics and Insight; Barriers to problem solving 3.3 Reasoning: Meaning; Inductive and Deductive reasoning 3.4 Creativity: Nature; Stages, Factors of creativity	12
4	Memory and Forgetting 4.1 Memory: Meaning, Reconstructive nature of memory 4.2 Types of memory-LTM, STM, Implicit and Explicit 4.3 Models of memory: Information processing model, Levels of processing, Parallel distributed processing 4.4 Forgetting: Meaning, Nature and Factors	10
Total		40

Suggested Readings :-

1. Smith, E.E. & Kosslyn, S. M. (2015). Cognitive Psychology : Mind and Brain. First Ed. Pearson
2. Solso, R. L., MacLin, O.H., Kimberly M.K. (2014) Cognitive Psychology. Pearson
3. Sternberg, R.J. (2007). Cognitive Psychology. Delhi: Thomson
4. Ciccarelli, S.K.; & Meyer, G.E. (2007). Psychology (South Asian Edition). India: Pearson Education Inc.
5. Baron, R.A. & Misra, G. (2014). Psychology, Indian Subcontinent Edition, 5th Edition, Pearson Education
6. Singh, A.K. Sangyanatmak Manovigyan. Motilal Pulishing House.

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SEMESTER – VI

MJC-11: Biopsychology

Course Outcomes

After the completion of the course, the student will be able to:

- CO1:** Explore the biological basis of experience and behaviour.
CO2: Develop an appreciation of the neurobiological basis of psychological function and dysfunction.
CO3: Develop an understanding of Nervous systems and its relation to behaviour and cognition.
CO4: Comprehend the role of endocrine systems in behaviour and cognition

MJC11 : Biopsychology (T) (Theory : 3 credits)		ESE-70 CIA-30
Unit	Topics to be covered	No. of Lectures
1	Introduction 1.1 Meaning and Nature of Bio-psychology 1.2 Historical development 1.3 Related areas: Neuropsychology, Physiological psychology, Genetics: Genes and Chromosomes	6
2	Neurons 2.1 Neuron: Structure, Types 2.2 Electrical activities of neurons – Resting, Graded and Action potential 2.3 Synapse and Synaptic transmission 2.3 Neurotransmitters	8
3	Nervous System 3.1 Central nervous system: Structure and functions 3.2 Lobes and functions 3.3 Peripheral nervous system: Structure and functions 3.4 Methods of studying brain functions	8
4	Endocrine Systems 4.1 Functions and abnormalities of major glands: Thyroid, Adrenal, Gonads, Pituitary, Pancreas and Pineal 4.2 Effect of Hormones on behaviour. 4.3 Biopsychology of Emotions and Stress	8
TOTAL		30

Suggested Readings :

1. Carlson, N. R. (2009) Foundations of Physiological Psychology, 6th Edition. Pearson Education, New Delhi
2. Kalat, J.W. (2012). Biological psychology. CA: Wardsworth/Thomson Learning.
3. Kolb, B. & Whinshaw, I.Q. (2013). An introduction to brain and behavior. New York: Worth Publishers.
4. Pinel, J.P.J. (2013). Biopsychology. NJ: Pearson Education Inc.
5. Singh, A.K. Neurovigyaan ke Mooltatv. Motilal Banarsi Das
6. Toates, F. (2011). Biological psychology. NJ: Pearson Education Inc.

MJC11 : Biopsychology (P) (2 credit)		ESE-70 CIA-30
Practical :- Based on course CC11(T) Bio-Psychology, students are required to draw a detailed diagram with the functions of the – 1. Neuron 2. Central Nervous System (CNS) 3. Endocrine System		Practicum Hours 4 8 8
TOTAL		20

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SEMESTER – VI

MJC-12 : Health Psychology

Course Outcomes

After the completion of the course, the student will be able to:

- CO1:** Know the basics of health and illness from various perspectives
CO2: Understand the behavioral and psychological correlates of health and illness.
CO3: Understand the significant aspects of coping and importance of health enhancing behaviour
CO4: Describe behavioral factors that influence health and illness

MJC-12 : Health Psychology (T) ESE-70 (Theory : 3 credits) CIA-30 Full Marks-100		
Unit	Topics to be covered	No. of Lectures
1	Introduction 1.1 Nature and aims of Health Psychology 1.2 Components of health: Physical, Social, Emotional and Cognitive aspects 1.3 Model of health and illness: Medical and Bio-psycho-social models, Stress – Diathesis model	6
2	Behavior and Health 2.1 Role of Behavioural factors in disease and disorders 2.2 Models and Approaches to health behavior change – Cognitive, Behavioural and Social Engineering approaches 2.3 Changing health habits	8
3	Stress and Coping 3.1 Stress: Meaning and Nature, Causes, Effects of stress on Physical and Mental health 3.2 Theories of stress - Cannon, Selye, Lazarus 3.3 Coping strategies 3.4 Stress management	8
4	Promoting Wellness and Health 4.1 Promoting wellness: Primary and Secondary prevention 4.2 Health-enhancing behaviours: Exercise, Nutrition, Yoga, Meditation	8
TOTAL		30

Suggested Readings:

1. Allen, F. (2011). Health psychology and behaviour. Tata McGraw Hill Edition.
2. Dimatteo, M. R., & Martin L. R. (2011). Health psychology. India: Dorling Kindersley.
3. Misra, G. (1999). Stress and Health. New Delhi: Concept
4. Taylor, S.E. (2006). Health Psychology (6th Ed.). New York: Tata McGraw Hill
5. Singh A K (2022). Swasthya Manovigyan : Ek Parichay, Motilal Books.

MJC-12 : Health Psychology (Practical) (2 credit)		ESE-70 CIA-30	Practicum Hours
Practical :- Based on course MJC-12 (P) Health Psychology, students are required to conduct any TWO Tests in the examination from the following – 1. Coping strategies 2. Mental Health 3. Subjective well-being 4. Stress			
Total			20

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SEMESTER – VII

MJC-13 : Introduction to Psychometrics

Course Outcomes

After the completion of the course, the student will be able to:

- CO1:** Get knowledge about the psychological tests their main characteristics and major types of psychological tests and assessment
CO2: Gain understanding of item analysis procedures in the context of psychological testing.
CO3: Learn to carry on the reliability and validity of psychological tests.
CO4: Learn various types of norms and their interpretation
CO5: Demonstrate the ability to develop and use psychological tests in practical life.

MJC-13 : Introduction to Psychometrics(T) (Theory : 3 credits) Full Marks-100		ESE-70 CIA-30
Unit	Topics to be covered	No. of Lectures
1	Introduction 1.1 Meaning, Nature and Characteristics of Psychological Test 1.2 Purpose of Psychological assessment 1.3 Types of Psychological Test 1.4 Ethical issues in testing 1.5 Limitations of psychological testing	8
2	Test Construction and Standardization 2.1 Steps in psychological test construction 2.2 Items writing: Concept and guidelines 2.3 Item Analysis – Meaning, Purpose, Item difficulty, Item discrimination	8
3	Psychometric Characteristics of Test 3.1 Reliability: Concept and Types of reliability 3.2 Validity: Concept and Types of validity 3.3 Norms	8
4	Application of Psychological Testing in different Fields 4.1 Education 4.2 Counselling and guidance 4.3 Clinical setting 4.4 Organization	6
Total		30

Reading List :

1. Anastasi, A (2016). Psychological Testing, Pearson Education India
2. Chadha, N. K. (2009). Applied Psychometry. SAGE Publications India Pvt Ltd
3. R. Michael, Furr (2017). Psychometrics: An Introduction. SAGE Publications, Inc
4. Rust, J. & Golombok, S (2014). Modern Psychometrics: The Science of Psychological Assessment. Routledge
5. Singh, A.K. Manovigyan Samaj Shastra tatha Siksha me Sodh Vidhiyan. Motilal Banarsi Das, Publishing House

MJC13 : Introduction to Psychometrics (P) (Practical: 2 credits) Full Marks-100		ESE-70 CIA-30
Practical:- Students should administer any ONE psychological test on the sample of N=20 and analyze the derived data to draw a conclusion.	Practicum Hours 20	
Total	20 Hrs	

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SEMESTER – VII

MJC-15: Criminal Psychology

Course Outcomes

After the completion of the course, the student will be able to:

- CO1: Get adequate understanding of the area of criminal behaviour.
- CO2: Understand various theoretical perspectives on criminal behaviour.
- CO3: Explain psychological perspectives of crimes in our society.
- CO4: Familiarize themselves with the behaviour of criminals, its causes and remedies.
- CO5: Acquaint with various applications of criminal psychology.

MJC-15: Criminal Psychology (T) ESE-70 (Theory : 4 credit) CIA-30 Full Marks-100		
Unit	Topics to be covered	No. of Lectures
1	Introduction 1.1 Definition, Nature and Scope of Criminal psychology. 1.2 Theories of Crime: Psychological theories, Social theories	8
2	Psychological Disorders and Criminal Behaviour 2.1 Juvenile offender: Criminogenic factors in child and adult anti-social behaviour 2.2 Mental illness and Crime 2.3 Sex offenders: Nature of rape; Theories: Feminist theory, Social learning and Evolutionary theory 2.4 Influence of Media on criminal behaviour	12
3	Violent Criminal Behaviour and Drug related Crime 3.1 Psychology of Aggression and Violence 3.2 Terrorism 3.3 Drugs and Crime 3.4 Cyber Crimes – Meaning; Cyber related crime - Bullying, Harassment, Stalking	10
4	Profiling, Prevention and Rehabilitation 4.1 Psychological profiling and personality of criminals 4.2 Future predictions of criminal behaviour on the basis of criminal profiling 4.3 Prevention of crime 4.4 Delinquent Rehabilitation, Effective intervention for serious juvenile offenders 4.5 Cognitive and Behavioural Rehabilitation of criminals.	10
	Total	40

Suggested Readings:

1. Bachhav, Aun M. (2012). Criminal Psychology. Chandralok Prakashan, Kanpur.
2. Samenow, S., E. (2014). Inside the Criminal Mind. Third Ed., Crown.
3. Bharati, A. (2012). Studies on Criminological Psychology. G.S. Rawat for Ceber TechPublications. New Delhi- 110 002
4. Howitt, D. (2002) (5th ed.). Introduction to Forensic and criminal psychology. England: Pearson.
5. Verma, L. (1990). The management of children with emotional and behavioral difficulties. London: Routledge.

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MJC15 : Criminal Psychology (2 credits) Full Marks-100			ESE-70 CIA-30
Unit	Topics to be covered	No. of hours	
	Practical :- Based on course MJC-15 (P) Criminal Psychology, students are required to conduct any TWO Tests in examination – 1. Guilt Quotient of your subject Using Chattopadhyay's "What is your guilt quotient?" scale or any other suitable scale 2. Domestic Violence: To assess attitude of people towards domestic violence. 3. Media and violence 4. Cyber bullying	5	5
	TOTAL	20	

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SEMESTER – VIII

MJC-16 : Industrial / Organizational Psychology

Course Outcomes

After the completion of the course, the student will be able to:

- CO1: Develop an awareness of the concepts related to industrial / organizational psychology
- CO2: Understand the work motivation and its theories
- CO3: Comprehend the concept of work group and team and issues of conflict in organization
- CO4: Get knowledge the leadership and communication system in the organization
- CO5: Demonstrate the ability to develop connectivity between concepts and practices of organizations.

MJC-16 : Industrial / Organizational Psychology(I) ESE-70 (Theory : 4 credit) CIA-30 Full Marks-100		
Unit	Topics to be covered	No. of Lectures
1	Introduction 1.1 Meaning and Nature, History (Classical and Neo-classical era) 1.2 Organizational behaviour: Challenges in the Indian setting	8
2	Motivation and Job satisfaction 2.1 Motivation: Meaning and Nature, 2.2 Theories of work motivation: Maslow, Herzberg, McClelland, Equity & Expectancy theory 2.3 Job satisfaction: Meaning, factors and impact	10
3	Group Behaviour and conflict Management 3.1 Group: Meaning, types and functions 3.2 Team: Meaning, importance, making an effective team 3.3 Conflict Management: Nature, Types of conflict, Conflict management.	12
4	Leadership and Communication 4.1 Leadership: Meaning; Theories – Trait theory, Behavioural theory, Transactional and Transformational Leadership model 4.2 Communication: Meaning, Process, Types, Barriers of effective communication 4.3 Organizational Change: Nature ,Causes and resistance to change	10
Total		40

Suggested Readings:-

1. Blum, M.L. & Naylor (1984). Industrial Psychology. Delhi: CBS Publishers
2. Chadha, N.K. (2007). Organizational Behavior. Galgotia Publishers: New Delhi.
3. Luthans, F. (2009). Organizational behavior. New Delhi: McGraw Hill.
4. Pareek, U. (2010). Understanding organizational behaviour. Oxford: Oxford University Press
5. Robbins, S., Judge, T.A., & Sanghi, S. (2009). Organizational behaviour (13th Ed.). New Delhi: Pearson Education.
6. Riggio, R. E. (2003) Introduction to Industrial/Organizational Psychology (4th Ed.). New Jersey: Prentice-Hall .

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Semester VII

MJC 14- Research Methodology (Social Sciences & Humanities)

Course credit- 05, Full marks- 100

Course Objectives:

CO1: The course intends to familiarize the students of the fundamentals and process of research.

CO2: to acquaint the students with research aptitude in knowledge seeking.

CO3: to enable students to scientifically assess the reliability and validity of facts.

CO4: To empower students to conduct a factual estimate of socially relevant issues in a scientific manner.

Course Outcomes

On completion of the Course, the students can undertake independent research with following Outcomes:

LOC 1: Students will gain skills of scientific analysis.

LOC 2: Students will gain contemporary and interdisciplinary knowledge.

LOC 3: Students will have global understanding of nuances of Research.

Musika
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Anish
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Abh
19/09/2023

Harsh
19/09/2023

Suyash
19.09.2023

Prash
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Aditi
19/09/23

Prashant
19.09.2023

Prashant
19/9/2023

Unit	Topics to be covered	No. of lectures
I	Research- Meaning, Purpose, Significance, Types, Stages of Research, Review of Literature, Ethical issues in Research, Plagiarism.	08
II	Research Design- Meaning and types, Identification of Research Problems and Types of variables. Hypothesis- Nature, Types, Sources, Importance, Characteristics of a good hypothesis.	10
III	Method and Tools of Data Collection Sources of Data- Primary and Secondary, Comparative method, Observation, Interview, Questionnaire, and Schedule Sampling Method- Concept, Types, Purpose, and Rationale	12
IV	Analysis and Processing of Data, Classification, and Tabulation of Data Measures of Central Tendency and Variability, Graphic representation Use of Internet and Computer technologies in Research- MS Word, MS Excel, Power point Presentation, SPSS	10
V	Report Writing and Thesis writing- Objective, Content, Layout, Research proposal/ Synopsis. Referencing- Endnote, Footnote, In-text citation, Index, Diacritical work, Bibliography (MLA and APA formats), Webliography	10
Tutorial		10
Total		60

Suggested readings

1. Ackoff, R.L., (1953), "Design of social research" The University of Chicago Press, Chicago.
2. Goode, W. and Hatt, P.K., (1952), "Methods in Social Research" MC Gracw-Hill.
3. Sharma, V.P. (2013), "Research Methodology" PanchsheelPrakashan, Jaipur.
4. Singh, A.K., "Test Measurements and Research Methods in Behavioural Sciences" Bharti Bhavan Publication.
5. मिश्रा , जयदेव : ऐतिहासिक अनुसन्धान, काशी प्रसाद जायसवाल शोध संस्थान , पटना।
6. आहूजा, राम: सामाजिक अनुसन्धान, रावत प्रकाशन, जयपुर।
7. राणा सुनील कुमार सिंह - सामाजिक शोध की पद्धति।
8. सावित्री सिन्हा: अनुसन्धान का स्वरूप, नेशनल पब्लिशिंग हाउस , दिल्ली।
9. विनय मोहन शर्मा: शोध प्रविधि , नेशनल पब्लिशिंग हाउस , दिल्ली।
10. सावित्री सिन्हा: अनुसन्धान की प्रक्रिया , विजयेंद्र स्नातक, हिंदी अनुवाद परिषद्।

Akshita
18.09.2023

19/09/2023

19/09/2023

Sanchoy
19/9/2023

Supriya
19.09.2023

19.09.23

Aditi Tyagi
19/09/2023

19.09.2023

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