

B.SC., PSYCHOLOGY (BSY)

I Year

- BSY 11 - Basic Psychology . I
- BSY 12 - Developmental Psychology
- BSY AL11 - Educational Psychology

II Year

- BSY 21 - Basic Psychology . II
- BSY 22 - Experimental Psychology . I
- BSY AL21 - Guidance and Counselling Psychology

III Year

- BSY 31 - Abnormal Psychology
- BSY 32 - Social Psychology
- BSY 33 - Human Resource Development
- BSY 34 - Rehabilitation Psychology
- BSY 35 - Experimental Psychology II

B.SC - PSYCHOLOGY
I YEAR
BASIC PSYCHOLOGY – I

Block – I: Introduction

Psychology - Definition - Psychology as a science; Early schools of Psychology- modern perspectives - Methods of Psychology-Experimental Method, Systematic Observation, Case Study Method, Survey Method; Fields of Psychology

Block – II: Biology of Behaviour

Neurons & Synapses: Nervous system . Peripheral and Central Nervous System: Brain and Sleep: Importance of Fore-brain, Association cortex - Left and Right hemisphere functions.

Block – III: Sensory Process

Some General Properties of senses; subliminal stimuli: The Visual sense, auditory sense, the other senses. Consciousness . Meaning . Functions - Divided Consciousness, Stages of sleep, Dreams, Meditation, Hypnosis.

Block – IV: Attention and Perception

Selective Attention; Physiological correlates of Attention - Internal influences on Perception-Learning set, Motivation and Emotion, Cognitive styles, External Influences on Perception - Figure Ground, Movement, Illusions, Perceptual Organisation - Constancy; Depth perception-Binocular and Monocular Cues.

Block – V: Motivation and Emotion

Motives: definition . Motivation cycle- theories of motivation - Biological motivation - Social motives - Frustration and conflicts of motives -Defence mechanism . Emotion - Expression & Judgement of Emotion - The physiology of emotion - Theories of emotion.

Books Recommended

1. Clifford T. Morgan, Richard a. King, John R. Weis and John Schopler, %Introduction to Psychology+. 7th Edition. Tata McGraw Hill Book Co. New Delhi, 1993.
2. Ernest R. Hillgard, Richard C. Atkinson, Rita L. Atkinson, %Introduction to Psychology+6th Edition, Oxford IBH publishing Co. Pvt. Ltd., New Delhi, 1975.
3. Baron A. Robert, Psychology, Pearson Education 5th Ed., 2002.

B.SC - PSYCHOLOGY
I YEAR
DEVELOPMENTAL PSYCHOLOGY

Block – I: Conception and Birth

Introduction . Definition . Significant facts, stages of Development Developmental principles . stages - Fertilization; Multiple birth - characteristics of pre-natal environment; types of child birth - Physical Development- The neonate . Physical characteristics, body systems, brain & reflex behaviour - Physical hazards; sensory capacities in the neonate; motor development & Milestones, hand control & locomotion.

Block – II: Infancy & Babyhood

Characteristics - Piaget's Sensory-motor stage; speech development; factors influencing language acquisition - emotional development - temperamental differences; family and personality developments - relationship with other children . Hazards of Childhood.

Block –III: Early and Middle Childhood

Characteristics of childhood - Motor skills; Piaget's preoperational & concrete operations stages; development of language - brief outline of moral development; play interests; Social grouping and social behaviour.

Block – IV: Adolescence

Characteristics of Adolescence- Puberty . Criteria and causes - Physical changes & psychological impact of physical changes; theoretical perspectives in personality development; relationships with parents; relationships with peers; achieving sexual identity.

Block – V: Adulthood

Characteristics of Adulthood . Vocational and Marital adjustment - Career Development - marriage - divorce; parenthood . single hood - Social adjustments - relationship with maturing children; relationship with aging parents.

Block – VI: Old Age

Characteristics of Old age; physical changes of old age; health in old age; adjustments to changes- work & retirement; social issues related to aging; relationships in later life- Hazards of Old Age.

Books Recommended

1. Papalia, Diane E and Old, - Human Development V Ed 1992, Tata McGraw Hill Publishing Co., Ltd
2. Elizabeth D.Hurlock - Developmental Psychology A Life Span Approach, Tata McGraw Hill, Vth Ed., 1997
3. Musser, Conger, Kangan, Muston- Child Development and Personality, 6th Edition, Harper & Row Publishers.

B.SC - PSYCHOLOGY
I YEAR
EDUCATIONAL PSYCHOLOGY

Block – I: Introduction

Nature and methods of educational psychology - Aims of educational psychology . Applications of psychology to education . The art of guiding . Learning experiences . Barriers to effective teaching . Characteristics of teachers.

Block – II: Guidance

Importance of guidance in school- Guidance concept . Major guidance work . Educational, Vocational and Personal guidance - Guidance for high school students . Guidance for exceptional child.

Block – III: Motivation & Learning

Motivating the students . Rewards . Punishments . Achievement motivation - Nature and conditions of learning . Conditions of learning . Laws of effect and readiness, methods of effective learning . Role of transfer in education.

Block – IV: Creativity

Creative thinking, Reasoning and Problem solving in classroom- Exceptional Children - Under Achievers and their problems . Slow . Learners and their problems . . promoting mental health in the classroom learning.

Block –V: Teaching values & Evaluation Methods

Common basic values . Attitudes - morality . Delinquent behaviour . Evaluation of learning . Achievement . Standard tests of achievement . Validity . Reliability . Diagnostic tests . Evaluation of personal development.

Books Recommended:

1. Charles E. Skinner - Educational Psychology, IV Ed, Prentice Hall Inc., New Delhi 1974.
2. Garrison, K.C. Kingston, A.J. - Educational Psychology, Vakil, Feller and McDonald, A.S. Simons Pvt. Ltd., Indian Ed., 1967.
3. Morris Eson - Psychological Foundations of Education, 2nd Ed, Holt, Rinehart and Winston Inc., 1972.

B.SC - PSYCHOLOGY**II YEAR****BASIC PSYCHOLOGY - II****Block – I: Principles of Learning:**

Definition . Principles of conditioning - Classical conditioning - Instrumental conditioning . Reinforcement . schedules of reinforcement - Cognitive learning . Latent learning, Imitation - Computer Assisted Learning . transfer of learning.

Block – II: Memory & Forgetting

Memory . Theories - Information-Processing Theories-Sensory register, Short term memory, Rehearsal; Long Term Memory; Organization, TOT, Semantic and Episodic memory, Encoding and Storing and Retrieval of Long term memories . Forgetting . Decay, Interference, Motivated forgetting, Amnesia-Psychological and Biological . improving memory

Block – III: Intelligence & Improving memory

The nature of intelligence - Assessing intelligence - Individual differences in intelligence . Theories of Intelligence . Types of intelligence tests - Testing for aptitude, Achievement

Block – IV: Thinking and Language:

The thinking process . Concepts . Concept Formation - Problem solving - Decision making - Creative thinking . stages, and Characteristics- Language: - units and process.

Block – V: Personality:

Definition - Theories - Type and trait theories - Dynamic theories- Learning and behavioural theories - Humanistic theories . Assessment of Personality . Observation . rating scales . inventories . projective techniques.

Books Recommended:

1. Clifford T. Morgan, Richard a. King, John R. Weiss and John Schopler, Introduction to Psychology+. 7th Edition. Tata McGraw Hill Book Co. New Delhi, 1993.
2. Ernest R. Hillgard, Richard C. Atkinson, Rita L. Atkinson, Introduction to Psychology+6th Edition, Oxford IBH publishing Co. Pvt. Ltd., New Delhi, 1975.
3. Baron. A. Robert, Psychology, Pearson Education Vth Ed.,2002.

B.SC - PSYCHOLOGY
II YEAR
EXPERIMENTAL PSYCHOLOGY

Block - I Experimental Psychology and its methods- an Orientation:

1. Nature, evolution, objectives, and Definition of experimental psychology
2. Data Collection methods: Observation . Interview and Psychological tests
3. Variables: Independent variables, dependent variables- Scope and applications of experimental psychology

Block - II

4. Measures of central tendency
5. Measures of variability/dispersion

List of Experiments

Block - III Attention and Perception:

1. Span of Attention
2. Span of Apprehension
3. Division of Attention
4. Muller-Lyer Illusion
5. Distraction of Attention
6. Perception of time

Block - IV Motivation:

7. Level of Aspiration
8. Colour Preference
9. Human Problem Solving

Block - V Learning and Memory:

10. Retroactive Inhibition
11. Recall and Recognition-
12. Trial and error in insight learning
13. Transfer of learning or habit interference
14. Motor learning . Maze learning

Books Recommended:

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| 1. G.K. Mangal | - Statistics in Psychology and Education Tata McGraw Hill Publication, Delhi |
| 2. Buratoa G. Andress | - Experimental Psychology Wiley, Eastern Pvt. Ltd., 1968. |
| 3. Franti, S. Freeman | - Theory and Practice of Psychology testing IV Edition, Oxford and Ltd., Publishing Co.1965. |

B.SC - PSYCHOLOGY**II YEAR****GUIDANCE AND COUNSELLING PSYCHOLOGY****Block – I: Introduction**

Counselling . Meaning - related terms- Guidance, Counselling, Advice and Direction . Counselling: Expectations and Goals . career guidance . Roles of a counsellor.

Block – II: Counselling

The effective Counsellor. Characteristics of effective Counselling - Counselling approaches and practices: Directive, Non-directive and Eclectic . Counsellor and Counseee relationship . Ethics of counselling.

Block – III: Group Counselling

Group Counselling & guidance-aims . Types of groups - limitations of group counselling
- Counselling interview - Nature & significant features - Setting & types of Counselling interviews - Organization & Development . factors affecting counselling . guidelines.

Block – IV: Tools and techniques

Testing and non-testing devices - Tools and techniques for environmental information - Tools used in assisting individuals . Non-test techniques . Psycho-diagnosis: its limitations.

Block – V: Special Areas of Counselling

Organising guidance programmes in schools and colleges . Problems to be encountered . Role of principal, teachers and community resources . Programmes for schools and colleges -Special areas in counselling . Family counselling - Marital counselling . Counselling the Victims, Addicts, Women and Disaster victims.

Books Recommended:

1. Dr. Indu Dave - The Basic Essentials of Counselling, Sterling Publishers Pvt. Ltd., 1989.
2. Shertzer/Slove - Foundation of Counselling, II Ed., Houghton Mifflin Co., 1974.
3. Narayana Rao - Counselling Psychology, Tata McGraw-Hill Publishing Company Ltd., New Delhi, 1984.
4. Gibson.R.L & Mitchell.M.H - Introduction to Counselling and Guidance, Prentice Hall of India, 6th Ed.

B.SC - PSYCHOLOGY**III YEAR****ABNORMAL PSYCHOLOGY****Block – I Introduction**

Dimensions of abnormality - scope of abnormal Psychology . Misconceptions regarding mental disorders - Historical Background, Mental disorders in Indian thought, incidence of mental disorders in India.

Block – II Models and causes of Abnormal Behaviour

Models of abnormal behaviour . Psycho dynamic model -Behaviouristic model, Humanistic model, Existential Model, Interpersonal Model - Causes of Abnormal Behaviour.

Block – III: Neurostic Reaction

Anxiety States, Phobias, Obsessive-compulsive disorders, Hysterical Neurosis, Depressive neurosis, Hypochondriacal neurosis- Epilepsy, causes, treatment.

Block – IV Psychotic Reactions

Schizophrenia- clinical Picture, Types, causes and treatment - Affective Disorders . Manic Disorders, Depressive Disorders . Bipolar Disorder- causes and treatment. Mental Retardation . Classification, causes, care & Management

Block – V Alcoholism, Drug addiction & Sociopathic deviations

Alcoholism & Drug Abuse . Effects of Alcohol, Stages in Alcoholism, Psychoses associated with alcoholism, Causes & Treatment of Alcoholism - Types of Drugs . Causes of Addiction & Treatment- Antisocial Personality - Sociopath, Delinquency - Crime - Mental Health . Perspectives on prevention.

Books Recommended:

1. James C. Coleman - Abnormal Psychology & Modern Life.
2. James D. Page - Abnormal Psychology.
3. Sarason. I.G. & Sarason, B.R. (1998), - Abnormal Psychology - The problems of maladaptive behaviour.

B.SC - PSYCHOLOGY**III YEAR****SOCIAL PSYCHOLOGY****Block – I Introduction**

Social Psychology - Methods of social psychology- Research Methods - Interpersonal attraction: Attraction through appearance - Attraction due to similarity - Complementarity as a basis for attraction - Attraction resulting from frequent exposure - Theories of Attraction - Measurement of Attraction . Sociometry.

Block – II: Social motives and attitudes

Social motives - Classification - Social motives considered as needs Attitudes . Nature and Measurement - The nature of attitudes - Components - Role of Attitude on Behaviour - Measurement of attitudes - Social Perception: Halo Effect, Stereotypes.

Block –III: Group & Leadership

Group Formation - Types of Groups - Group cohesiveness - Group morale - Group task performance - Centralized and Decentralized group structure - The Risky shift - Co-operation and competition - Leadership - Types of leaders- Functions of leaders - Basic styles of leaders - Personal qualities of leaders.

Block-IV: Pro-social behaviour, Aggression & prejudice

Pro-Social Behaviour . Why do we help others - Altruism - - Causes of aggression -Types of aggression - Management of aggression . Prejudice . Nature of prejudice - Causes of prejudice - Measuring prejudice - prevention of prejudice.

Block – V: Communication, Public opinion & Propaganda

Meaning - Communication as a tool - Media - Communication as a transaction - Feed back - Public opinion and propaganda- Dynamics of public opinion - Measurement and changing public opinion - Propaganda . Techniques and Instruments of propaganda.

Books Recommended:

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| 1. Henry Clay Lindgren | - Social Psychology (II Edn) |
| 2. Baron & Byrne | - Social Psychology |
| 3. B.Kuppuswamy | - Introduction to Social Psychology |

B.SC - PSYCHOLOGY**III YEAR****HUMAN RESOURCE DEVELOPMENT****Block – I Introduction**

The Evolution of Human Resource Management - Functional responsibilities and objectives of Human resources management - importance of people related management skills - Manpower Planning - Job analysis: job description, job specification.

Block – II Recruitment & Selection

Recruitment Planning, Recruitment, Selection: Types - Placement, Induction, Transfer - Career planning - need for career planning,

Block – III Training & Development

Training and development; Need for training and development; Training objectives and strategies, training methods and techniques, evaluation of training - Performance appraisal: objectives, uses, appraisal techniques.

Block – IV Employee Motivation and Employee Management

Employee Motivation . Basic principles, motivation and job satisfaction, motivational strategies, dealing with resistance to change, quality of work life in Indian context - Employee relations: Management . Employee relation: Managing discipline, Managing grievances, managing stress, Counselling in industries.

Block – V Employee efficiency, Social security & Labour welfare

Human resources and productivity- Role of management in increasing productivity; Employees participation - Quality circles - Working conditions and social security; Legislation on working condition; flexible working hours; social security.

Books Recommended

1. Lallam Prasad & A.M. Banerjee - Management of Human Resources, Sterling Pvt. Ltd., 1990.
2. C.S. Venkataratnam & B.K. Srivastava - Personnel Management and Human Resources, Tata McGraw Hill, 1991, New Delhi.

B.SC - PSYCHOLOGY**III YEAR****REHABILITATION PSYCHOLOGY****Block – I: Introduction**

Rehabilitation . Definition, scope, Historical Perspectives - Medical & Paramedical Personnel- Early Intervention - Role of the Psychologist in the interdisciplinary team.

Block – II: Visual Impairment

Types of visual impairment, Rehabilitation Services required for developing, mobility skills, daily living activities, Learning, Reading and Writing - Vocational Rehabilitation.

Block – III: Hearing, Speech and Neuromuscular Impairment

Types & Kinds of Hearing impairment - Types of Speech defects, Role of Speech therapy - Orthopaedic & Neuromuscular Disorders - Types of disorders . Polio paralysis, Cerebral palsy - Physiotherapy . Aids required.

Block – IV: Mental Retardation

Interventional services for mentally retarded (a) Educable (b) Trainable (c) Custodial - Therapeutic Management - Rehabilitating the Mentally ill patients - Public Awareness - Occupational Therapy - Meaning - Management.

Block – V: Role of Family & Government & Voluntary Organisations

Parental Counselling & guidance -National Policy & Programmes, Rights of the disabled, Role of NGOs . Community Based Rehabilitation- involving the community in the service programmes.

Books Recommended

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|---|---|
| 1. Mehta, D.S. | - Handbook of Disabled in India, Allied Publishers, New Delhi, 1983 |
| 2. Usha Bhat | - Physically handicapped in India, Popular Book Depot, Bombay |
| 3. Victoria Stopford | - Understanding disability, Edward Arnold Ltd., 1987. |
| 4. Pat Nux Clark,
Anne Stevens Allen | - Occupational Therapy, G.L. Mosby, St. Louis, 1985. |

B.SC - PSYCHOLOGY

III YEAR

EXPERIMENTAL PSYCHOLOGY – II

Block I Psychological testing and functional analysis

- i) Standardization of tests . Reliability, validity, norms, percentiles.
- ii) Correlation Analysis
- iii) Tests of significance of difference between means in small samples.

List of Experiments:

Block II Association

1. Free Association
2. Controlled Association

Block III Intelligence and Creativity

3. Verbal test of intelligence
4. Non verbal test of intelligence
5. A test of creativity

Block IV Social Phenomena

6. Social distance scale
7. Semantic differential
8. Sociometry

Block V Motor Process

9. Minnesota rate of Manipulation set
10. O'Connor's Tweezers dexterity test
11. T-Puzzle

Block VI Personality

12. Eysenck's Personality Inventory
13. Adjustment Inventory

Books Recommended:

1. Charles L. Sheridan - Fundamentals of experimental Psychology, Holt, Rinehart and Winston, New York, 1976.
2. Woodworth and Schlosberg - Experimental Psychology.
3. Clifford T. Morgan, Richard a. King, John R. Weis and Hohn Schopler, Introduction to Psychology, 7th Edition. Tata McGraw Hill Book Co. New Delhi, 1993.
4. Natraj P. Manual of Experiments in Psychology, Third revised edition, Srinivasa Publications, 2002.

**Minutes of the Board of Studies Meeting of School of Social Sciences,
held on 7th March, 2014**

B.SC., PSYCHOLOGY (BSY)

I Year

- BSY 11 - Basic Psychology . I
- BSY 12 - Developmental Psychology
- BSY AL11 - Educational Psychology / Biological Psychology

II Year

- BSY 21 - Basic Psychology . II
- BSY 22 - Experimental Psychology . I
- BSYAL21 - Guidance and Counselling Psychology

III Year

- BSY 31 - Abnormal Psychology
- BSY 32 - Social Psychology
- BSY 33 - Human Resource Development
- BSY 34 - Rehabilitation Psychology / Educational Psychology
- BSY 35 - Experimental Psychology II