

General course

SEMESTER-1

BASIC PSYCHOLOGICAL PROCESSES -I

Paper-101

1. **Introduction** : Definition and goals of Psychology: Psychology as a science.
2. **Methods** : Experiment, observation, interview, questionnaire and case study.
3. **Biological Bases of Behaviour**: Genes and behaviour; The Nervous system: The Neuron, The Central Nervous system and the peripheral Nervous system.
4. **Sensory** : Perceptual Process: Visual, auditory and other senses; Structure and functions, form and depth perception.
5. **Language & thought** : Concepts, communicating thoughts, Development of Language.

Books Recommended:

1. Morgan & King (1986) : Introduction to Psychology, McGraw Hill.
2. Baron, R.A. (1995) : Psychology; The Essential Science, New York; Allyn & Bacon.
3. Lefton, L.A. (1985) : Psychology, Boston; Allyn & Bacon.
4. Jatin Barua : Shiksha Monobigyan.
5. Mukul Sarma : Monobigyan
6. Girish Barua : Monobigyan.

BASIC PSYCHOLOGICAL PROCESSES –II

Paper-102

1. **Learning** : Definition; Trial and Error learning, Classical conditioning; operant conditioning, Insight learning.
2. **Memory**: Encoding, storage and retrieval processes; sensory, short-term and long-term memories, Forgetting.
3. **Motivation** : Biogenic and sociogenic motives; Intrinsic-Extrinsic framework; The need hierarchy model; Techniques of assessing motives.
4. **Emotion** : Physiological correlates; theories of Emotion.
5. **Personality** : Trait and type approaches: Techniques of assessment; Psychometric and projective.

Books Recommended:

1. Morgan & King (1986) : Introduction to Psychology, McGraw Hill.
2. Baron, R.A. (1995) : Psychology; The Essential Science, New York; Allyn & Bacon.
3. Lefton, L.A. (1985) : Psychology, Boston; Allyn & Bacon.
4. Jatin Barua : Shiksha Monobigyan.
5. Mukul Sarma : Monobigyan
6. Girish Barua : Monobigyan.

SEMESTER-2

ABNORMAL PSYCHOLOGY-I

Paper-201

1. Concept of Normal and Abnormal behaviour : Criteria of abnormality.
2. Early views : Early schools and asylums: emergence of scientific viewpoint.
3. Causes of abnormality behaviour: Biological, psychological and socio-cultural factors.
4. Alcoholism : Causes; prevention.
5. Drug addiction : Types of drugs; causes; prevention.

Books Recommended:

1. Coleman, J.C. (1981) : Abnormal Psychology and Modern Life. Bombay; Taraporevala/NY : Scott Foreman.
2. Davison, & Neala (1982) : Abnormal Psychology. NT John Wiley.
3. Kisker (1976) : The Disorganised Personality McGraw Hill.
4. Schamugham (1983) : Abnormal Psychology. Tata McGraw Hill.
5. Pankaj Lochan Sharma : Monorog Porichiti, Asom Bigyan Samitti.
6. Anil Kumar Singha : Drugs, Asom Bigyan Samiti.

ABNORMAL PSYCHOLOGY-II

Paper-202

1. Psychoneurosis: General symptoms and causes of psychoneurosis; psychoneurotic disorders-Hysteria, Anxiety Obsession-compulsion.
2. Psychosis : General symptoms and causes : Psychotic disorders-Schizophrenia, paranoia.
3. Mental retardation : Criteria; causes; rehabilitation of mentally retarded.
4. Therapies : Different approaches to the treatment of abnormal behaviour.

Books Recommended:

1. Coleman, J.C. (1981) : Abnormal Psychology and Modern Life. Bombay; Taraporevala/NY : Scott Foreman.
2. Davison, & Neala (1982) : Abnormal Psychology. NT John Wiley.
3. Kisker (1976) : The Disorganised Personality McGraw Hill.
4. Schamugham (1983) : Abnormal Psychology. Tata McGraw Hill.
5. Pankaj Lochan Sharma : Monorog Porichiti, Asom Bigyan Samitti.
6. Anil Kumar Singha : Drugs, Asom Bigyan Samiti.

SEMESTER-3

DEVELOPMENTAL PSYCHOLOGY-I

Paper-301

1. Introduction : Nature and Characteristics of development; Growth, Development and Maturation.
2. Methods of study : Longitudinal and Cross-Sectional Methods.
3. Conception and Birth : Sex determination, Genic transmission, Type of Birth.
4. Infancy and babyhood : Characteristics; developmental tasks; adjustment problems.
5. Early and late childhood : Characteristics; developmental tasks; adjustment problems.

Books Recommended:

1. Hurlock, E.B. (1980) : Developmental Psychology : A lifespan approach. New Delhi; Tata McGraw Hill.
2. Mussen et al (1974) : Child Development and Personality. NY; Harper & Row.
3. Nelson, N.W. (1975) : Developmental Psychology. NY : Holt, Rinehart & Winston.
4. Meneka Saikia : Shishy Monobigyan.
5. Jatin Barua : Shishu Monobigyan.

DEVELOPMENTAL PSYCHOLOGY-II

Paper-302

1. Puberty and Adolescence; Characteristics; Bodily changes and their effects; adjustment problems.
2. Young Adulthood: Characteristics; Marital and Vocational adjustments in early adulthood, Problems and solution.
3. Middle-age : Characteristics; Adjustment to physical, mental changes; (Adjustment to changed family pattern) Developmental tasks of adulthood.
4. Old-age : Characteristics; changes in physical, motor and personality factors; Adjustment to retirement and other social problems.

SEMESTER-4

EXPERIMENTAL PSYCHOLOGY-I

Paper-401

1. Experimental Method : Variables; Control of variables; Characteristics of Experimental methods.
2. Psychophysics : Thresholds and their determination using classical psychological methods; Weber-Fechner laws; Steven's power law.
3. Auditory perception : Pitch, volume and timbre; Auditory acuity; theories hearing.
4. Visual perception : Perception of form; perception of colour.
5. Attention: Determiners, shifts and fluctuation, span of attention.

Books Recommended :

1. Woodworth & Schlosberg (1971) : Experimental Psychology. Oxford and IBH : Calcutta.
2. D'Amato, M.R. (1979) : Experimental Psychology, Tata McGraw Hill : ND.
3. Postman, L. and Egan, J.P. (1998) : Experimental Psychology : An Introduction, Kalyani Publishers : ND.

PRACTICALS

Paper-402

1. Determination of R.L. by Method of Limits.
2. Determination of D.L. by Method of Constant Stimuli.
3. Mapping of touch spots.
4. Effect of practice on learning.
5. Bilateral Transfer.

Books Recommended :

Mohsin, S.M. : Experimental Psychology.

SEMESTER-5

EXPERIMENTAL PSYCHOLOGY-II

Paper-501

1. Learning : Classical & Operant conditioning; Discrimination; Generalization.
2. Memory : Short term and long term memory; Forgetting; theories of forgetting.
3. Transfer of learning : Theories of Transfer of Learning.
4. Reaction Time : Variables effecting Reaction Time; Methods of determining Reaction time.
5. Importance of Statistics in Psychology computation of mean, median and mode.

PRACTICALS

Paper-502

1. Effect of practice on learning.
2. Bilateral Transfer.
3. Effect of knowledge of result on learning.
4. Effect of practice on learning of verbal material.
5. Retroactive Inhibition.
6. Memory change in serial reproduction.

SEMESTER-6

Paper-601 Social Psychology

1. Nature and scope of social Psychology. Methods of Social Psychology : Experimental and non experimental methods, Correctional approach and Cross-cultural research.
2. Group: Characteristics of psychological group: Group structure
3. Leadership : Characteristics of Leader; Functions of leaders.
4. Attitudes: Meaning; Development of attitudes; Attitude change; Measurement of attitudes.
5. Social Norms: Study of norms; influence of social norms on behaviour.

Books Recommended :

1. Lindgren, H.C. (1985) : An Introduction to social Psychology ND: Wiley Eastern Ltd.
2. Baron, R.A. & Byrne, D. (1998) : Social Psychology, New Delhi : Prentice Hall.
3. Myers, David, G. (1994) : Exploring Social Psychology, New York : McGraw Hill.

Paper-602 Psychological and Social Issues

1. Nature of Social Issues: Social Psychology and Social Issues, increasing role of Social Psychology in Social Problems.
2. Prejudice, Discrimination & Conflict.
3. Stress and Health: Nature and types of stress; Causes and consequences of stress, stress management.
4. Health issues relating to children, women and elderly.
5. Role of Counselling: Theoretical approaches to counseling; The counseling process; Function of counselor.

Books Recommended:

1. Banerjee, D. (1982) : Poverty, class and health culture in India. Vol. I, Delhi: Prachi Prakashan.
2. Mohanty, A.K. & Mishra, G.(Ed) (2000) : Psychology of Poverty and disadvantage. ND, Concept.
3. Misra, G.(1990): Applied Social Psychology in India. ND, Sage.
4. Misra, G. (1999) : Psychological perspectives on stress and health. ND: Concept.
5. Pestonjee, D.M. (1999): Stress and coping : The Indian Experience. ND : Sage Publication.
6. Nelson, J. (1982) : The theory and practice of counseling psychology. NY : Molt, Rinlhart & Winston.
7. Ahuja, R. (1997): Social Problems in India. New Delhi : Ravat Publications.

Revised T.D.C. Psychology Syllabus (Major Course)

SEMESTER -I

Paper-101 BASIC PSYCHOLOGICAL PROCESSES – I

1. Introduction : Definition and goals of Psychology; Psychology as a science.
2. Methods : Experiment, observation, interview, questionnaire and case study.
3. Biological Bases of Behaviour : Genes and behaviour; The Nervous system : The Neuron, The central Nervous system and the peripheral Nervous system.
4. Sensory –Process : Visual, auditory and other senses; Structure and functions, Form and depth perception.
5. Language & thought : Concepts, communicating thoughts, Development of Language.

Books Recommended :

1. Morgan & King (1986) : Introduction to Psychology, McGraw Hill.
2. Baron, R.A. (1995) : Psychology; The Essential Science. New York : Allyn & Bacon.
3. Lefton, L.A. (1985) : Psychology, Boston; Allyn & Bacon

Paper-102 BASIC PSYCHOLOGICAL PROCESSES – II

1. Learning : Definition, Trial and Error learning, Classical conditioning; Operant conditioning, Insight learning.
2. Memory: Encoding, storage and retrieval processes; sensory, short-term and long-term memories, Forgetting.
3. Motivation : Biogenic and Sociogenic motives; Intrinsic-Extrinsic framework; The need hierarchy model; Techniques of assessing motives.
4. Emotion: Physiological correlates; Theories of Emotion.
5. Personality: Trait and Type approaches : Techniques of assessment; Psychometric and Projective.

Books Recommended :

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2. Baron, R.A. (1995) : Psychology; The Essential Science. New York : Allyn & Bacon.
3. Lefton, L.A. (1985) : Psychology, Boston; Allyn & Bacon.

SEMESTER-II

Paper-201 ABNORMAL PSYCHOLOGY –I

1. Concept of Normal and Abnormal behaviour : Criteria of Abnormality.
2. Early views : Early schools and asylums; Emergence of scientific viewpoint.
3. Causes of Abnormal Behaviour : Biological, Psychological and Socio-culture factors and Drug addiction.
4. Alcoholism : Causes; Prevention. Drug addiction : Types of drugs; Causes; Prevention.
5. Suicide: Clinical Picture, causes and prevention.

Books Recommended

1. Coleman, J.C. (1981) : Abnormal Psychology and Modern Life, Bombay : Taraporevala/NY : Scott Foreman.
2. Davison & Neale (1982) : Abnormal Psychology, NT John Wiley.
3. Kisker (1976) : The Disorganised Personality McGraw Hill.
4. Schamugham (1983) : Abnormal Psychology, Tata McGraw Hill.

Paper-202 ABNORMAL PSYCHOLOGY – II

1. Mental Retardation and Behaviour disorders: concepts and classification.
2. Psychosomatic Disorders: classification, causes.
3. Psychoneurosis : General symptoms and causes of psychoneurosis; Psychoneurotic disorders- Hysteria, Anxiety Obsessive-compulsive.
4. Psychosis : General symptoms and causes; Psychotic disorders-Schizophrenia, Paranoia.
5. Therapies : Different approaches to the treatment of abnormal behaviour.

Books Recommended

1. Coleman, J.C. (1981) : Abnormal Psychology and Modern Life, Bombay : Taraporevala/NY : Scott Foreman.
2. Davison & Neale (1982) : Abnormal Psychology, NT John Wiley.
3. Kisker (1976) : The Disorganised Personality McGraw Hill.
4. Schamugham (1983) : Abnormal Psychology, Tata McGraw Hill.

SEMESTER-III

Paper-301 DEVELOPMENTAL PSYCHOLOGY –I

1. Introduction : Nature and characteristics of development; Growth, Development and maturation.
2. Methods of study : Longitudinal and Cross-Sectional methods.
3. Conception and Birth : Sex determination, Genetic transmission, Types of Birth.
4. Infancy and babyhood : Characteristics; Development tasks; Adjustment problems.
5. Early and late childhood: Characteristics; Development tasks Adjustment problems.

Books Recommended

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2. Davison & Neala (1982) : Abnormal Psychology, NT John Wiley.
3. Kisker (1976) : The Disorganised Personality McGraw Hill.
4. Schamugham (1983) : Abnormal Psychology, Tata McGraw Hill.
5. Bee, H, & Boyd, D. (2004): The Developing Child, Pearson Education.

Paper-302 DEVELOPMENTAL PSYCHOLOGY – II

1. Puberty and Adolescence : Characteristics; Bodily changes and their effects; Problems of adjustment.
2. Adulthood: Characteristics; Marital and Vocational adjustments in early adulthood, Problems and solution.
3. Middle-age : Characteristics; Adjustment to physical, mental changes; (Adjustment to changed family pattern) Developmental tasks of adulthood.
4. Old-age : Characteristics; changes in physical, motor and personality factors; Adjustment to retirement and other social problems.
5. Changing structure of family and its impact during the life span.

Books Recommended :

1. Coleman, J.C. (1981) : Abnormal Psychology and Modern Life, Bombay : Taraporevala/NY : Scott Foreman.
2. Davison & Neala (1982) : Abnormal Psychology, NT John Wiley.
3. Kisker (1976) : The Disorganised Personality McGraw Hill.
4. Schamugham (1983) : Abnormal Psychology, Tata McGraw Hill.
5. Bee, H, & Boyd, D. (2004): The Developing Child, Pearson Education.

SEMESTER-IV

Paper -401 **EXPERIMENTAL PSYCHOLOGY-I**

1. Experimental Method : Variable; Control of variables; Characteristics of Experimental methods.
2. Psychophysics : Thresholds and their determination using classical psychophysical methods; Weber-Fechner laws; Steven's power law.
3. Auditory perception : Pitch; volume and timbre; Auditory acuity; Theories of hearing.
4. Visual perception : Perception of form; perception of Colour; Constancy.
5. Attention: Determiners, shifts and fluctuation, span of attention.

Books Recommended :

1. Woodworth & Schlosberg (1971) : Experimental Psychology. Oxford and IBH : Calcutta.
2. D'Amato, M.R. (1979) : Experimental Psychology. Tata McGraw Hill : ND.
3. Postmen, L. and Egan, J.P. (1998) : Experimental Psychology: An Introduction. Kalyani Publishers : ND.

Paper -402 **EXPERIMENTAL PSYCHOLOGY-II**

1. Memory : Methods of studying memory; short term and long term memories of forgetting.
2. Verbal learning : Materials and tasks in verbal learning; some basic determinants; organizational process in Verbal learning; Retroactive and Proactive inhibition.
3. Transfer of learning : Theories of transfer of learning.
4. Problem solving: thinking
5. Reaction Time : Variables affecting Reaction Time; Methods of determining Reaction time.

Books Recommended :

1. Woodworth & Schlosberg (1971) : Experimental Psychology. Oxford and IBH : Calcutta.
2. D'Amato, M.R. (1979) : Experimental Psychology. Tata McGraw Hill : ND.
3. Postmen, L. and Egan, J.P. (1998) : Experimental Psychology: An Introduction. Kalyani Publishers : ND.

SEMESTER-V

Paper 501 STATISTICS IN PSYCHOLOGY

1. Introduction : Meaning of Statistics; Statistics and Parameters; Importance in Psychology. Nature of Psychological Data and Psychological Measurement; Levels of measurement; Categorical and Continuous variables.
2. Measurement of Central Tendency : Purpose and Types of measures; Characteristics of Mean, median, mode; Computation of Mean, Median and Mode.
3. Measures of variability : Concept of variability; Range and Semi Inter Quartile Range (Average Deviation; Standard Deviation).
4. Normal Distribution : Concept of probability; Characteristics of Normal Probability Curve; Percentage of cases in different areas on Normal Probability Curve.
5. Correlation : The concept of correlation; Linear and non-linear correlation; Pearson's product moment correlation; Spearman's rank order correlation.

Books Recommended:

1. Garrett, H.E. : Statistics in Psychological and Education. Bombay; Vakills, Feffer & Simons Ltd.
2. Minimum, E.W., King, B.M. & Bear, G. (1993) : Statistical Reasoning in Psychology and Education. New York : John Wiley.

Paper-502 RESEARCH METHODOLOGY

1. Science and scientific approach : Assumptions of science; Characteristics of the scientific method;
2. Nature of psychological research; Correlational and Experimental Methods.
3. Problems and hypothesis, variables and their classification, control of variables.
4. Introduction to Experimental Designs : Pre Test - Post Test Design; Factorial Design, Randomised Block Design.
5. Techniques of data collection : Observation; Interviewing; Tests and Scales; Projective techniques.

Books Recommended:

1. Kerlinger, F.N. (1983) : Foundations of Behavioural Research, ND : Surjeet Publications.
2. Edwards, A.L. (1978) : Experimental design in Psychological research. NY : Holt Riverhart.

Paper-503 Applied Psychology

1. Individual differences : Significance for better living; Assessment of individual differences.
2. Psychology in Business and Industry : Personnel Selection; Job analysis; Job Satisfaction.
3. Conditions optimizing production in Industry : Personal and Environmental.
4. Accidents : Accident proneness; prevention.
5. Advertisements : Psychological aspects of effective advertisement.

Books Recommended :

1. Burt, H.E.: Applied Psychology, Prentice Hall.
2. Blum, M.E. & Nayler, J.C. : Industrial Psychology: Theoretical and Social Foundations, Weather Hill: Tokyo.
3. Hepner : Applied Psychology.

Paper-504. Practicals

1. Determination of D.L. by Method of Constant Stimuli.
2. Verification of Weber's Law.
3. Study of illusion (Muller-Lyre illusion).
4. Serial Position Effect.
5. Study of Proactive and Retroactive inhibition.
6. Study of Suggestion.

Books Recommended :

Mohsin, S.M. : Experimental Psychology.

SEMESTER -VI

Paper-601 Social Psychology

1. Nature and scope of social Psychology. Methods of Social Psychology : Experimental and non experimental methods, Correctional approach and Cross-cultural research.
2. Group: Characteristics of psychological group: Group structure
3. Leadership : Characteristics of Leader; Functions of leaders.
4. Attitudes: Meaning; Development of attitudes; Attitude change; Measurement of attitudes.
5. Social Norms: Study of norms; influence of social norms on behaviour.

Books Recommended :

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3. Myers, David, G. (1994) : Exploring Social Psychology, New York : McGraw Hill

Paper-602 Psychological and Social Issues

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2. Prejudice, Discrimination & Conflict.
3. Stress and Health: Nature and types of stress; Causes and consequences of stress, stress management.
4. Health issues relating to children, women and elderly.
5. Role of Counselling: Theoretical approaches to counseling; The counseling process; Function of counselor.

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1. Banerjee, D. (1982) : Poverty, class and health culture in India. Vol. I, Delhi: Prachi Prakashan.
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3. Misra, G.(1990): Applied Social Psychology in India. ND, Sage.
4. Misra, G. (1999) : Psychological perspectives on stress and health. ND: Concept.
5. Pestonjee, D.M. (1999): Stress and coping : The Indian Experience. ND : Sage Publication.
6. Nelson, J. (1982) : The theory and practice of counseling psychology. NY : Molt, Rinlhart & Winston.
7. Ahuja, R. (1997): Social Problems in India. New Delhi : Ravat Publications.

Paper-603. Psychological Assessment

1. Introduction : Principles of Psychological testing, uses of tests. Types of Psychological Tests : Group; Performance; Verbal.
2. Construction and standardization : Item selection; reliability; validity; norms; scoring.
3. Intelligence Testing : Age and point scales; Stanford – Binet test; Weshler scales.
4. Aptitude testing : Testing of multiple aptitude; DAT; Testing of Special aptitude.
5. Personality assessment : Psychometric tests; projective techniques; MMPI; TAT.

Books Recommended:

1. Anastasi, A. (1988): Psychological testing. NY : Macmillan.
2. Freeman, F.S. (1972) : Theory and practice of psychological testing. New Delhi; Oxford & IBH.

3. Nunnally, J.C. (1978) : Psychometric Methods. New Delhi : Tata McGraw Hill.
4. Guilford, J.P. : Psychometric Methods.

Paper- 604. Environmental Psychology

1. Definition historical preview, theories of environment and behavior.
2. Characteristics of environmental perception habituation and perception of change.
3. Environmental Cognition and Cognitive maps, Environmental attitudes.
4. Disasters and hazards pollution.
5. Personal space, Territoriality crowding.

Books Recommended:

1. Gilford, R 2000, Environment Psychology; theory and practice. Allyn and Bacon.
2. Nagar, D 2006, Environmental Psychology, New Delhi: Concept Philosophy Co.

Paper- 605 Organizational Psychology

Unit 1 : Behaviour in Organizations: Concept and nature

Job design and job enrichment: programmes and their impact on organizational behaviors. Superior subordinate relationship.

Unit 2: Organizational Structure, Organizational Climate - the concept, and Dimensions.

Unit 3: Communication Process & Styles in organization.

Unit 4: Organizational Conflict.

Power Authority-Physical & Personal.

Factors' of Productivity: Physical- Light, Humidity, Noise, Temperature

Personal factors nature of Job and, accident proneness.

Unit 5: Supervision:

Leadership in Organizations : Selection and training of leader in organizational context. Innovation in Organizations.

Books:

1. Gilmer (1971). Industrial organizational Psychology. Mc. Graw Hill.
2. Davis, K. (1978). Human Behaviour at work (4th Ed.) Taton Mc. Graw Hill.
3. Korman. A.K. (1978). Organizational Behaviour. New Delhi: Mc. Graw Hill.
4. Dunnette, M.D. (Ed) (1976), Handbook of Industrial Round Mc. Nually.

Paper-606 Practical

1. Any one verbal test of intelligence.
2. Any one aptitude test.
3. Sinha's Anxiety Inventory.
4. Field Study.

Books Recommended :

Mohsin, S.M. : Experimental Psychology.

