

SIDDHARTH UNIVERSITY, Kapilvastu, Siddharthnagar
Under Graduate Syllabus

DEPARTMENT OF PSYCHOLOGY

B.A. I

Paper 1 : Fundamentals of Psychology	Max Marks 75
Paper 2 : Environmental Psychology	Max Marks 75
Paper 3 : Practical	Max Marks 50

B.A. II

Paper 1 : Social Psychology	Max Marks 75
Paper 2 : Psychological Statistics	Max Marks 75
Paper 3 : Practical	Max Marks 50

B.A. III

Paper 1 : History and Systems of Psychology	Max Marks 75
Paper 2 : Personality and Psychopathology	Max Marks 75
Paper 3 : Psychology of life Span-Development	Max Marks 75
Paper 4 : Practical	Max Marks 75



B.A. Part I

Paper-1

FUNDAMENTALS OF PSYCHOLOGY :

1. Psychology: Definition, goals, fields and applications. Introduction to the Theoretical approaches: Psychoanalytic, Behavioristic, Humanistic and Cognitive. Methods: Experimental, Correlational, and Observational.
2. Biological Bases of Behaviour : Neuron, Action Potential, Synaptic functions, Neurotransmitters, The Central Nervous System and Peripheral Nervous System, Endocrine System.
3. Perception: Psychophysics: Problems and Methods: Minimal stimulus change, Constant stimuli, Average error. Attentional process: Nature and Determinants of Selective and Sustained attention. Perceptual Organization: Depth Perception. Determinants of Perception : Cognitive and Motivational.
4. Learning: Conditioning: Classical and Instrumental; procedures and comparison. Verbal learning : Methods and Procedures.
5. Memory and forgetting: Stages of memory: encoding, storage and retrieval. Types of memory : (sensory, short term and long term). Reconstructive memory. Forgetting : nature, Theories of forgetting : Interference and Cue dependent.
6. Thinking and Reasoning : Concepts, Categories and Prototypes ; Schemas and Scripts ; Inductive and deductive reasoning. Problem solving : solution strategies.
7. Motivation and Emotion : Motivation : Nature, need, instinct, Biogenic motives : Hunger : Acquired drives. Sociogenic : Aggression. Emotion: Nature
8. Intelligence: Concept and Intelligence Tests.
9. Personality: Concept, Determinants of Personality.

BOOKS RECOMMENDED :

1. त्रिपाठी, ला०ब० एवं अन्य (2001) **आधुनिक प्रायोगिक मनोविज्ञान**, आगरा, हर प्रसाद भार्गव।
2. तिवारी, बी०डी० एवं त्रिपाठी, अनुपम नाथ, **आधुनिक दैहिक मनोविज्ञान।**
4. Atkinson et al. (13th edition 1985), **Hilgard's Introduction to Psychology**, Harcourt Brace.
5. Baron, R.A. (1995). **Psychology : The essential Science**. New York : Allen & Bacon.
6. D Amato, M.R. (1970). **Experimental Psychology, methodology, psychophysics and learning**, Mc Graw Hill.
7. Nicky Hayes (2nd Edition). **Foundations of Psychology**, Nelson.
8. Woodworth, R.S. & Scholoshberg H. (3rd Edition) **Experimental Psychology**. Kling and Riggs, U.S.A. Holt Rinehart and Winston, Inc.
9. Zimbardo, P.C. & Weber, A.L. (1997). **Psychology**, New York : Harper Collins College Publishers.

Paper-2

ENVIRONMENTAL PSYCHOLOGY:

1. Environmental Psychology: Nature and Characteristics; classification of environment. Indian perspective on human- environment relationship.
2. Theories of Environment-Behavior relationship: Arousal, Environmental Load, Adaptation Level, and Ecological approach.
3. Methods of environmental psychology: Data collection technique, self report, observation.

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4. Environmental Stress : Nature and Characteristics ; Type of stresses, Natural disasters, technological catastrophe, noise and air pollution.
5. Crowding : Nature and characteristics, feature, effects of crowding on animals and human beings.
6. Environmental Perception, Cognition and Attitudes: Nature and characteristics of Environmental perception, Social and cultural influences, Environmental Cognition and cognitive mapping, Acquisition of Environmental Attitudes.
7. Personal space and territoriality: Nature, Function and determinants of personal space. Consequences of personal space invasion, Territoriality function and type, territoriality & aggression.
8. Environmental psychology and saving the Environment: Environmental Education, Prompts and Reinforcement techniques in Indian context.

BOOKS RECOMMENDED :

1. तिवारी, पी.एस.एन., आधुनिक पर्यावरणीय मनोविज्ञान मोतीलाल बनारसी दास, नई दिल्ली।
2. Bell, P.A., Greene, T. C., Fisher, J.D., & Baum A. (2001) **Environmental Psychology**. (Vth edition) Wadsworth Group/ Thomason Learning, 10 Davis Drive Belmont CA, U.S.A.

Paper-3

PRACTICAL-ANY EIGHT OF THE FOLLOWING :

1. Muller Lyer Illusion
2. Sustained Attention
3. Time Perception
4. Spatial Behavior
5. Paired Associate Learning
6. Clustering in Verbal Learning
7. Retroactive Inhibition
8. Intelligence Test
9. Reconstructive Memory
10. Set in Problem Solving
11. Personality Test

B.A. PART-2

Paper -1

SOCIAL PSYCHOLOGY:

1. Nature and scope of social psychology: Experiment Vs Applied Social Psychology, Methods of Studying Social Behavior.
2. Socialization: Agents and mechanisms, socialization & deviation.
3. Person-Perception: Impression management, Social Cognition: Schema, Schematic processing, Attribution.
4. Attitude: Nature, Formation and measurement.
5. Interpersonal Attraction: Nature and measurement, Antecedent conditions of Interpersonal Attraction.
6. Helping behavior: Nature and Characteristics, determinants.
7. Aggression: Nature and characteristics, Theories, Factors provoking Aggression and its Control.
8. Intergroup Relations: Prejudice, Discrimination and Communalism, Social Identity.
9. Group Influence: Leadership, Social facilitation, Polarization, Group Think Deindividuation and Mob-behavior.
10. Social Influence Processes: Characteristics and types, Reactions, Conformity, Compliance, Obedience, and Minority Influence.
11. Social Psychological Study of some social problems: Poverty, Violence and Gender Issues.

BOOKS RECOMMENDED :

1. त्रिपाठी, एल०बी० एवं सहयोगी : (1993) आधुनिक सामाजिक मनोविज्ञान, हर प्रसाद भार्गव, आगरा।
2. Donnerstein, M.V. & Donnerstein E.I. (Eds.) (1984). **Social Psychology**. W.Wo. Brown, Dubungene.
3. Mc David, John W. & Harari, L. (1974). **Psychology and Social Behavior**, Harper & Row.
4. Baron, R.A. Byrne, D.B. (1987) **Social Psychology** (VI Edition) New Delhi : Prentice Hall of India.

Paper-2

PSYCHOLOGICAL STATISTICS:

1. Measurement: Nature of Psychological Measurement, Measurement Scales, Frequency, Distribution and Graphic representation of data.
2. Measures of Central Tendency: Computation of Mean, Median and Mode and their uses.
3. Measures of variability: Computation of quartile and standard deviations, cumulative distribution, percentiles, standard scores and their uses.

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4. Normal distribution curve: Characteristics and application, Kurtosis and skewness, computational problems.
5. Correlations: Meaning and methods, Spearman and Pearson techniques.
6. Reliability statistics: Standard error of mean and significance of the difference between means and standard deviations and correlations.
7. Chi-squares : Computation of Chi-square from simple and contingency table. Uses and properties of Chi-squares.
8. Steps in test construction : Item-analysis, determination of item difficulty and item discrimination , discrimination index.
9. Reliability and validity of test scores : Meaning methods and statistical techniques used in determining reliability coefficients : Validity Meaning, Criterion measure and types of validity, statistical techniques used in determining validity coefficients.
10. Tests, scales and norms, Standard Scores norms, T-Score norms and percentile norms.

BOOKS RECOMMENDED :

1. मिश्रा बबन एवं त्रिपाठी, ला0ब0 (1994) **मनोवैज्ञानिक सांख्यिकी** आगरा हर प्रसाद भागर्व।
2. Guilford, J.P. (1973). **Fundamental Statistics in Psychology and Education**, McGraw Hill Kogakusha.
3. Ferguson, George, A. (1976). **Statistical Analysis in Psychology & Education**, McGraw Hill, Kogakusha.

Paper-3

PRACTICAL (Any eight of the following)

1. Person Perception; Averaging or addition? Halo effect.
2. Success & Failure Attribution.
3. Prejudice/Stereotypes.
4. Interpersonal Attraction.
5. Attitude Measurement (Bogardus or Semantic differential scales)
6. Conformity
7. Social Facilitation
8. Helping behavior
9. Aggression
10. False consensus

B.A. Part III

Paper-I

HISTORY AND SYSTEMS OF PSYCHOLOGY:

1. Historical survey of the development of psychology from Greek period to the middle of the 19th Century. Psychology in Ancient India.
2. The founding of Experimental Psychology: Contributions of Weber, Fechner, Wundt and Ebbinghaus, William James and Galton.
3. The early twentieth century psychology in America and Russia ; Structuralism and Functionalism.
4. Antecedents, development and basic tenets of the schools of Psychology: Behaviorism, Gestalt and Field Psychology, Psychoanalytic schools. Collapse of schools and later developments.
5. Development of Psychology in India.
6. Evolution of the Contemporary theoretical concepts : Perception, Learning, Thinking, Motivation and Physiological Psychology.

BOOKS RECOMMENDED :

1. Kuppaswamy B. (1980) **Elements of Indian Psychology** New Delhi.
2. Chaplin, J.P. and Krawiec, T.S. (1979). **Systems and Theories of Psychology**.
3. Murphy, Gardner and Kovack, Joseph, K. (1972). **Historical Introduction to Modern Psychology**. Routledge & Kagan, Limited : London.
4. Watson, Robert (1963). **The Great Psychologists** J.B. Lippincott Company : New York.
5. Sahakian, William, S. Ed. (1981). **History of Psychology**, F.E. Peacock, Publishers, Inc. Itasca, Illinois (U.S.A.).
6. मिश्रा, गिरीश्वर अनुवादक (1998) **एक विकासशील देश में मनोविज्ञान भारतीय अनुभव**, आगरा वाई0के0 पब्लिसर्स।
7. Sinha, D. (1986). **Psychology in a Third World Country**, New Delhi: Sage.

Paper-2

PERSONALITY AND PSYCHOPATHOLOGY

A. PERSONALITY

1. Nature and Concept of Personality.

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2. Personality Theories : Psychoanalytic Theory, Murray's Personology, Cattell's Factor Theory, Stimulus Response theory, Rogers' Person Centered Theory.
3. Assessment of personality : Principles and techniques, Personality inventories, Projective tests, Q-sort techniques.

B. PSYCHOPATHOLOGY

1. Concept of Psychology : Statistical, Social and Practical Criteria.
2. Clinical picture, causation and treatment of psychoneuroses, anxiety, phobia, obsessive compulsive, conversion and dissociative hysteria, hypochondria and neurasthenia, Transient Situational disorders and mental retardation.
3. Clinical picture, causation and treatment of psychoses : Schizophrenia, Paranoia, Affective disorders.
4. Contemporary approaches to therapy. Behaviorist, Psychoanalytic and Humanists.

BOOKS RECOMMENDED

1. Mischel, W. (1981). **Introduction to Personality**, 3rd Ed. Holt, Rinehart & Winston.
2. Hall, C. & Lindzey ; G. (1978). **Theories of Personality**, 3rd Ed. Wiley.
3. Coleman, J.C. (1981). **Abnormal Psychology and Modern Life** D.B. Taraporevala & Sons. Bombay.
4. McMahon, F.B. & McMahon, J.W. (1983). **Abnormal Behavior; Psychologies**, View orsey Press, Illinois.

Paper-3

PSYCHOLOGY OF LIFE SPAN - DEVELOPMENT:

1. Human Development Perspectives and Processes-Biological, environmental and interaction ; Major categories of developmental research and focus. Theories of development : Social learning, Information theory, Cognitive and Psychoanalytic and Humanistic.
2. The Beginning of Human Life : The prenatal period child birth and the neonate ; Genetics and Culture ; Principles of development, effects of birth on development.
3. Physical, Motor and Speech Development : Physical growth, body size and proportion, development of the nervous system ; Principle and sequence of motor development, Motor skills ; handedness and major tasks in speech development, Content of speech.
4. Emotional and Social development and Social Adjustment: Patterns of emotional development, Conditions responsible for emotional development, Emotional dominance, balance, control and catharsis; Patterns of Social development in childhood and adolescence; Meaning of social development; Importance of early social experience. Meaning of Social adjustment. Role of companion in Social Adjustment.
5. Cognitive and Intellectual development: Piaget's theories of cognitive development ; Play and cognitive development : Development of Creativity : Expressions of Creativity in childhood.
6. Moral and Personality development : The stages of moral development ; discipline and moral, development ; Cognitive approach to moral development ; The personality pattern in development ; Individuality ; Change in personality ; important personality determinants.

BOOKS RECOMMENDED :

1. डा० जे.एन. लाल ; (1988), विकासाल्मक मनोविज्ञान ।
2. Craig, Grace J. (1983). **Human Development**, Prentice Hall.
3. Elkind & Weiner (1978), **Development of the Child**, John Wiley.
4. Hurlock, E.B. (1978), **Child Development**, McGraw Hill.

Paper-4

PRACTICAL (LABORATORY WORK AND FIELD WORK)

1. Administration, Scoring and interpretation :

a) T.A. T (Indian Adaptation by Bureau of Psychology or U. Chaudhary) or Sentence Completion Test.

b) J.M.P.I. or 16 PF

2. Planning, conduction, analysis and report writing of either.

a) Long experiment; in more than two treatment designs.

OR

b) A small field study.

3. Determination of reliability of any one of the following: by test-retest method after six weeks ?

a) Adjustment Inventory by M.S.L. Saxena.

b) Anxiety Test by D. Sinha.

c) Test of General Mental ability by S.M. Mohsin.

