

B.A. I

Marks-35Paper 1 : BASIC PSYCHOLOGICAL PROCESSES

Unit I

- Introduction: Definition, nature, scope and applications of psychology. Methods: Introspection, observation, experimental, interview, questionnaire and case study.
- Biological Bases of Behaviour: The response mechanism: Receptors, effectors and adjustors. The Nervous System: The basic structure, functions and divisions of the Peripheral and Central Nervous System.

Unit II

- Sensory Processes: Visual, auditory, Structure and functions.
- Attentional Processes: Nature, types and determinants of attention.
- Perceptual Processes: Nature and determinants, perceptual organization, form, space and illusion.

Unit III

- Learning: Nature of learning process. Classical and Operant conditioning: Basic principles and types. Thorndike's trial and error theory, Gestalt theory of insight. Transfer of training, types of transfer, factors influencing learning.
- Memory and Forgetting: Memory: The stages of memory: The Sensory, short term and long term memory. Methods of measuring memory. Techniques of improving memory. Forgetting: Nature, causes.
- Motivation and Emotion: Classification of motives: Biogenic, sociogenic and personal motives. Emotion: Nature and dimensions of emotion. Theories of Emotion: James-Lang'e, Cannon-Bard activation theory. Physiological correlates of emotion. Culture and emotion.

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Unit IV

- Thinking: Nature and types of thinking. Realistic and autistic thinking.
- Intelligence: Definition, concept of I.Q. Genetic and environmental influences on intelligence. Factor theories: Spearman, Thurstone and Guilford. Creativity concept only.
- Personality: The concept of personality. The Biological, social and cultural determinants of personality.

BOOKS RECOMMENDED:

- Atkinson and Hilgard (2002). Introduction to Psychology. New York: Thomson Wadsworth.
- Baron, R. A. (1995). Psychology: The Essential Science. New York: Allyn and Bacon.
- Feldman, R. S. (2006). Understanding Psychology. India: Tata McGraw Hill.
- Lefton, L. A. (1985). Psychology. Boston: Allyn and Bacon.
- Morgan, C. T., King, R.A. Weiz, J. R., Schopler, J. (2001). Introduction to Psychology. Tata McGraw Hill.
- Singh, A. K. (2000). Uchcharat Samanya Manovigyan. New Delhi: Motilal Banarsidas.
- Zimbardo, P.G. and Weber, A.L. (1997). Psychology. New York: Harper Collins College Publishers.

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Marks-35Paper 2 : EXPERIMENTAL METHODOLOGY AND STATISTICS

Unit I

- Introduction: Nature of Science and Scientific method. Steps involved in experimentation.
- Problem and Hypothesis: Nature, types and sources.
- Variables: Nature and types, Control of Variables.

Unit II

- Meaning and Purpose of Statistics in Psychology: Discrete and Continuous Scores.
- Frequency Distribution and their Graphical Presentation: Frequency polygons, Histograms and Ogive. Percentile point and percentile rank.

Unit III

- Measures of Central Tendency: Mean, Median, Mode and its meaning, application and computation.
- Measures of Variability: Range, quartile deviation, average deviation, standard deviation, meaning application and computation.

Unit IV

- Correlation: Concept of correlation: Pearson's Product Moment correlation. Spearman's rank order correlation.

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BOOKS RECOMMENDED:

- Garrett, H. E. (1969). Statistics in Psychology and Education. Bombay: Vakils, Feffer and Simons Ltd.
- Garrett, H. E. (1993). Siksha evam Manovigyan Mein Sankhyiki. New Delhi: Kalyani Publishers.
- Guilford, J.P. & Fruchter (1973). Fundamentals of Statistics in Psychology and Education. Tokyo: Kogapusha.
- Kapil, H.K. (1980). Sankhyiki ke Mool Tatva. Agra: Vinod Pustak Mandir.
- McGuigan, F.J. (1990). Experimental Psychology (5th Edition). New Delhi: Prentice Hall India.
- Singh, A.K. (2000). Test, Measurement and Research Methods. New Delhi: Motilal Banarsi Das.
- Suleman, M. (1997). Sankhyiki ke Mool Tatva. Patna: Shukla Book Depot.
- Verma, P. & Srivastava, D.N. (1996). Manovigyan aur Shiksha mein Sankhyiki. Agra: Vinod Pustak Mandir.

B.A. I

Marks-30Paper 3: PRACTICAL

Any six experiments of the following should be performed.

1. Bilateral transfer of training.
2. Maze learning.
3. Influence of set on perception.
4. Retroactive Inhibition.
5. Effect of knowledge of results on performance.
6. Perceptual organization.
7. Memory span for digits and words.
8. Mullar Layer illusion .

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B.A. II

Marks-30

Paper 3 : PRACTICAL

Any six tests of the following should be performed.

1. Attitude Scale.
2. Test of Aggression.
3. Sociometry.
4. Social Facilitation/Conformity
5. Anxiety
6. S.S.C.T.
7. EPI (Eysenck Personality Inventory)
8. Stress/Coping.

B.A. III

Marks-40

Paper 1 : MEASUREMENT AND STATISTICS

Unit I

- Scaling techniques and Measurement: Scaling techniques: Paired comparison, rating and ranking.
- Levels of Measurement: Nominal, interval, ordinal and ratio scales.
- Tests: Meaning and characteristics. Types of tests.

Unit II

- Test Construction: Test-construction and standardization of test; Norms-types. Concept of reliability and validity.

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- Errors in Measurement: Examiner's variables, Testee's variables, Situational variables in psychological measurement.

III

- Research Design: Meaning, characteristics and purpose of research design.
- Types of Design: Two Group and Multi Group design, (Introduction only)
- Normal Distribution: Concept of probability. Characteristics of NPC. Deviation from NPC; Skewness and kurtosis.

Unit IV

- Hypothesis Testing and Making Inferences: Population and sample: Random sampling; Sampling distribution, Standard errors of mean, nature and assumptions of t-distribution; computation of t values for small and large samples; interpretation of t values-level of significance.
- Non-Parametric Statistics: Nature and assumptions, Chi-square.

• BOOKS RECOMMENDED:

Anastasi, A.S. Urbina. S (1999). Psychological Testing, (7th International Ed.). MacMillan Co.

Broota, K.D. (1992). Experimental Design in Behavioural Research. New Delhi: Wiley Eastern.

Garrett, H. (Eds) (1969). Statistics in Psychology and Education. Bombay: Vakils, Feffer and Simons Ltd.

Kapil, H.K. (1980). Sankhyaki ke Mool Tatva Agra: Vinod Pustak Mandir.

Kaplan, R. N. & Saccuzzo, D. P. (2001). Psychological Testing, Principles, Applications and Issues (5th Ed.) USA: Wadsworth Thomson learning.

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- Miniun, E.W. King, B.M. & Bear, G. (1993). Statistical Reasoning in Psychological and Education. New York: John Wiley.
- Siegel, S. (1994). Non Parametric Statistics. McGraw Hill.
- Singh, A.K. (2000) Test, Measurement and Research Methods. Patna: Bharti Bhawan.
- Srivastava Ram Jee, Manovaigyanic Evam Shaikshik Mapan, New Delhi: Motilal Banarsidas.

B.A. III

Marks-40

Paper 2: COUNSELLING AND GUIDANCE

Unit I

- Introduction: Nature and goals of Counselling. Distinction between Guidance and Counselling.
- Perspectives of counselling: Psychoanalytic, behavioural, cognitive and humanistic,
- Types of Counselling:
 - (a) Directive, Non-directive and eclectic.
 - (b) Individual and group counselling.

Unit II

- Counselling Process: Principles of Counselling.
- Counselling skills: Rapport, Empathy and Communication.
- Phases of Counselling: Initial, Middle, Terminal and Follow up.
- Special Areas of Counselling: Career counselling, marital counselling, personal counselling and counselling of alcoholics and drug addicts.

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Unit III

- Introduction to Guidance: Need for guidance, Nature, goals and functions of guidance,
- Areas of Guidance: Educational, vocational and personal.

Unit IV

- Introduction to Testing Techniques in Guidance:

BOOKS RECOMMENDED:

- Gelso, C. J. and Pretz, B.R. (1995). Counselling Psychology. Bangalore: Prism Books Pvt. Ltd.
- Gibson, R. L. & Mitchell, M.H. (2005). Introduction to Counseling and Guidance (6th Ed.). Pearson Education.
- Patri, V. R. (2008). Counselling Psychology. New Delhi: Authors Press.
- Rao, S. N. (1991). Counselling and Guidance (28th Reprint 2008). New Delhi: TataMcGraw Hill.
- Rai, A and Asthana, M. (2003). Guidance and Counseling (Concepts, Areas and Approaches). New Delhi: Moti Lal Banarsi Das.
- Woolfe, R., Dryden, W. & Strawbridge, S. (2003). Handbook of counselling Psychology (2nd Ed.). London: Sage Publication Ltd.

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2. Immediate Inferences: Conversion, Obversion and Contraposition, Traditional Square of opposition and Immediate Inferences.
3. Categorical Syllogism: Standard Form categorical Syllogism, The Formal nature of Syllogistic Argument, Rules and Fallacies.
4. Boolean Interpretation of categorical propositions; Venn Diagram Technique for Testing Syllogisms, Hypothetical and Disjunctive Syllogisms, Enthymeme, The Dilemma.
5. Induction: Argument by Analogy, Appraising Analogical Arguments, Refutation by Logical Analogy.
6. Causal Connections: Cause and Effect, the meaning of "Cause"; Induction by Simple Enumeration; Mill's Methods of Experimental Inquiry, Criticism of Mill's Methods.
7. Symbolic Logic: The value of special symbols; Truth-Functions; Symbols for Negation, Conjunction, Disjunction, Conditional Statements and Material Implication.
8. Tautologous, Contradictory and Contingent Statement-Forms; the Three Laws of Thought.
9. Testing Argument Form and Argument, Statement Form and Statement for Validity by the Method of Truth-table.

11. PSYCHOLOGY

PAPER-I

PSYCHOPATHOLOGY

- Unit I**
- Introduction to Psychopathology: The concept of normality and abnormality; Classification of mental disorders (ICD-X and DSM-IV).
 - Mental Illness: Signs, symptoms and syndromes. Causes of abnormal behaviour: Biological, psychological, social and cultural factors.
 - Psychological Models of Psychopathology: Biological, psychodynamic, behavioural, cognitive-behavioural, humanistic, existential, socio-cultural.

Unit II

- Stress: Nature, sources and types; PTSD & Acute stress disorder. Coping with stress.
- Psychosomatic Disorders: Symptoms, causes and treatment.

Unit III

- Anxiety Disorders: Panic disorder, Phobia, Obsessive compulsive disorder, Generalized Anxiety disorder; their symptoms, types, etiology and treatment.
- Somatoform Disorders: Dissociative disorders.

Unit IV

- Psychotic Disorders: Symptoms, types, etiology and treatments. (a) Schizophrenia (b) Delusional disorders.
- Mood (Affective) Disorders: Manic episode, Depressive episode, Bipolar Affective disorders, Dysthymia.
- Personality Disorders: (a) Dissociative (b) Impulsive (c) and Social (d) Borderline (e) Avoidance (f) Dependent Personalities.

PAPER II : SOCIAL PSYCHOLOGY

Unit I

- Introduction: Nature and scope, Methods of studying social behaviour: Observation, experimental, field study, survey, sociometry and cross cultural.
- Socialization: Agents and mechanisms, socialization and deviation.
- Perceiving Others: Forming impressions; Role of non-verbal cues, group stereotypes, central traits; primary and recency effects; Models of information integration; Attribution of causality; Biases and theories (Jones and Davis Kelley).

Unit II

- Perceiving Groups: Prejudice, Stereotypes and Conflicts: Sources, dynamics and remedial techniques.
- Interpersonal attraction: Nature, measurement and antecedent conditions of interpersonal attraction.
- Attitudes: Nature, Formation and change of attitudes. Measurement of attitudes.

Unit III

- Group Dynamics and Influence: Structure, function and types of the groups. Social facilitation, social loafing, individuation; Group cohesiveness, norms and decision-making. Conformity, obedience and social modeling.
- Leadership: Definitions and functions; Trait, situational, interactional, behavioural and contingency approaches to leadership effectiveness.

Unit IV

- Communication: Verbal and non-verbal strategies. Language and social interaction. Barriers to communication.
- Aggression: Determinants: Personal and social; Theoretical perspectives: Biological, trait, situational and social-learning. Control of aggression.
- Helping Behaviour: determinants: Personal, situational and socio-cultural determinants; Bystander Effect. Theoretical perspectives: Exchange and Normative.

PAPER 3: PRACTICAL

- Any six tests of the following should be performed.
1. Attitude Scale. 2. Test of Aggression. 3. Sociometry 4. Social Facilitation/Conformity 5. Anxiety 6. S.S.C.T. 7. EPI (Eysenck Personality Inventory) 8. Stress/Coping.

12. MUSIC (SITAR)

THEORY PAPER

- Study of theoretical details of ragas and talas prescribed for practical course of first year and their comparative study.
- a. Ragat i. Shuddh Kalyan ii. Malkobans iii. Todi iv. Gaur Malkhar v. Vibhas vi. Gaur Sarang
 - b. Talas i. Dhamaar ii. Rupak iii. Teevra iv. Jhaptaal v. Ektaal vi. Chantal vii. Jhaptaal