

1

# **UNIVERSITY OF CALCUTTA**

## **SYLLABI**

**F**

**O**

**R**

## **THREE-YEAR HONOURS & GENERAL**

## **DEGREE COURSES OF STUDIES**

## **PSYCHOLOGY**

**2010**

2

w.e.f. 2010-11

### **SYLLABI OF THREE-YEAR (Hons&Genl) COURSE IN PSYCHOLOGY**

#### **PSYCHOLOGY SYLLABUS – HONOURS COURSE**

#### **PART- I**

#### **PAPER- 1 Marks-100**

#### **MODULE 1.1**

#### **FULL MARKS – 50**

#### **INTRODUCTION TO PSYCHOLOGY**

- 1) Introduction- Definition, Methods and Branches of Psychology.
- 2) Schools of Psychology – Behavioural and Gestalt
- 3) Perceptual Processes:
  - a) Determinants of attention, shift, fluctuation, oscillation and distraction.
  - b) Sensation and Perception; Attributes of sensation.
  - c) Perception of form, space, movement and time. Optical illusions.
- 4)
  - a) Need for quantification in Psychology, levels of measurement – nominal ordinal, interval and ratio.
  - b) Processing of data:
    - i) Tabulation, classification and frequency distribution of data.
    - ii) Concept, types, uses and computational techniques of the measures of central tendency and dispersion.
- 5) Variables and their classification, major steps in psychological research.

#### **MODULE 1.2**

#### **FULL MARKS – 50**

#### **BASIC PSYCHOLOGICAL PROCESSES**

- 1) Psycho-physics – concepts of sensory thresholds; Weber - Fechner Law, classical methods i) constant method ii) gradation method iii) method of average error.
- 2)
  - a) Learning processes: nature and factors of learning; theories: trial and error, conditioning – classical and operant; insight; transfer of training, programme learning.
  - b) Memory: Nature of encoding, storage and retrieval; STM LTM, types of memory,

Factors of Retrieval.

3) Motivation: Definition; Types – Biological and Social; Theories – Concept of Drive, Incentive; Maslow's Need Hierarchy Theory and Mc Clelland's Theory of Motivation.

4) Intelligence: Definition, Nature, Classification; Theories – Spearman, Thurstone, Guildford. 2

5) Emotion- Nature, Theories: James Lange, Cannon-Bard, Schachter – Singer and Cognitive Appraisal.

3

### **Selected Books (Texts and References):**

1) Anastasi, A.: Psychological Testing, New York: MacMillan Co. 1990.

2) Atkinson, R.L., Atkinson, R.C., Smith, E.E., & Hilgard, E.R. : Introduction to Psychology, (Latest Edition). Harcourt Brace Java Publishers, Tokyo.

3) Baron, R.A. : Psychology: The Essential Science. Allyn and Bacon, New York, 1995.

4) Gallotti, K.M.: Cognitive Psychology – In and Out of the Laboratory. 2<sup>nd</sup> Ed, Int. Thomson Pub. Co. Bangalore, 2000.

5) Guilford, J.P. & Fruchter, B.: Fundamental Statistics in Psychology and Education, McGraw Hill New Delhi, ISE, 1988.

6) Lahey, B.B.: Psychology: An Introduction, 6<sup>th</sup> Ed., Tata McGraw Hill, New York, 1965.

7) Lefton, L.A.: Psychology, Allyn and Bacon, Boston, 1985.

8) McGuigan, F.J.: Experimental Psychology: A Methodological Approach, Prentice-Hall, 1990.

9) Mohsin, S.M.: Research Methods in Behavioral Sciences, Orient Longman, Calcutta, 1981.

10) Morgan, C.T., King, R.A., Weisz, J.R., & Schopler, J: Introduction to Psychology (International Student Edition) McGraw Hill Book Co., 1986.

11) Munn, N.L., Fernald, L.D., and Ferhald, P.S.: Introduction to Psychology, Third Edition,

Oxford IBH Publishing House Co., Calcutta 1972.

12) Olson, M.; Hergenhahn, B.R.: Introduction to the Theories of Learning, Prentice-Hall India, 2009.

13) Rathus, S.A.: Psychology in the New Millenium. Prism Books Pvt Ltd. Bangalore, 1999.

14) Woodworth, R.S. & Schlosberg, H.: Experimental Psychology (Latest Edition) Primplani,

Oxford and MBH Publishing Co. Calcutta.

15) Woodworth, R.S., & Sheehan, M.R.: Contemporary Schools of Psychology, (Latest Edition) Methuen and Co. Ltd. London.

16) Woodworth, R.S., & Sheehan, M.R.: Contemporary Schools of Psychology, (Latest Edition) Methuen and Co. Ltd. London.

17) Zimbardo, P.G. & Weber, A.L.: Psychology, Harper Collins College Publishers. New York, 1997.

**Paper-II A Marks-50**

**MODULE 1.3**

**FULL MARKS – 50**

**BIOLOGICAL BASES OF BEHAVIOUR**

1. Biological foundation of behaviour – Genetic Basis; The Structure and function of

neuron, synapse and neurotransmitters.

2. Nervous system

a. Central – Structure and function of Brain and Spinal Cord

b. Autonomic Nervous System – Structure and function

4

c. Peripheral nervous system – Structure and neural control of behaviour

3. Emotional behaviour: physiological correlates of emotion: The role of cortex in emotion. Emotion and endocrine gland.

4. Neurophysiology of Learning and Memory.

**Paper-II B Marks-50**

**MODULE 1.4**

**FULL MARKS – 50**

**PRACTICAL**

**(Problem + LNB + Viva Voce = 30 + 10 + 10)**

1) Experimental determination of the rate of fluctuation of attention as a function of i) intensity ii) distraction.

2) Experimental estimation of the rate of perceptual reversibility by standard structure figures with and without suggestion (both flower vase/ human profile and Rubin's cross to be used).

3) Experimental determination of the errors in temporal perception- filled and unfilled.

4) Determination of the effect of variation of task performing attentive states emotional expressions by using pneumographic reproductive instrument.

**Selected Books (Texts and References):**

1) Carlson, N.: Physiology of Behaviour, Allyn and Bacon, 2000.

2) Grossman, S.P.: A Text Book of Physiological Psychology, John Wiley and Sons Inc. New York, 1967.

3) Guyton, Arthur C. & Hall, John E.: Textbook of Medical Psychology, (Ninth Edition) Prism Books Pvt. Ltd., Bangalore, 1966.

4) Kothurkar, V.V. & Vanarase, S.D. : Experimental Psychology, Wiley Eastern, New Delhi, 1985.

5) Morgan, C.T.: Physiological Psychology, McGraw Hill, New York, 1965.

6) Pinel, J.P.J: Biopsychology, Allyn and Bacon, 2000.

7) Schneider, A.M. and Tarshis, B.: Physiological Psychology, Random House, New York, 1975.

8) Snodgrass, J.G., Levy-Berger, G. And Haydon, M.: Human Experimental Psychology. Oxford University Press, N.Y., 1985.

9) Woodworth, R.S. & Schlosberg, H.: Experimental Psychology (Latest Edition) Primplani,

Oxford and MBH Publishing Co. Calcutta.

5

**PART-II**

**Paper-III Marks-100**

**MODULE 2.1**

**FULL MARKS – 50**

**PSYCHOMETRY**

1. Normal probability curve: Properties and applications.

2. Introduction to correlation: Meaning of bivariate distribution; product moment, rank

difference, Biserial, point biserial, tetrachoric, phi coefficient, contingency coefficient – Computation and use.

3. Statistical inference – concepts and steps involved in drawing a statistical inference.

4. Concept of parametric and non-parametric statistics. Experimental hypothesis – null hypothesis and its testing. Concept of standard error. Computation and use of t-test and chi square test.

## **MODULE 2.2**

**FULL MARKS – 50**

### **METHODOLOGY**

1. Research Problem and hypothesis: Characteristics of problems definitions, sources and criteria of good hypothesis, hypothesis and theory.

2. a. Experimental method and field study.

b. Design of experiments- i) controlling subject, situation and sequence related variable, ii) single group and separate group designs iii) quasi experimental design and time series.

3. Development and Standardisation of Psychological Test: Concept of Item Analysis; Reliability; Validity and Norms

4. Concept and assessment of Intelligence, Aptitude, Interest and Personality.

### **Selected Books (Texts and References):**

1) Anastasi, A.: Psychological Testing, New York: MacMillan Co. 1990.

2) Das, D. & Das, A.: Statistics in Biology and Psychology, (Latest Edition) Academic Publishers.

3) Garrett, H.E & Woodworth, R.S.: Statistics in Psychology and Education. Vakils Feffer & Simons Ltd. 1981.

4) Guilford, J.P. & Fruchter, B.: Fundamental Statistics in Psychology and Education, McGraw Hill New Delhi, ISE, 1988.

5) McGuigan, F.J.: Experimental Psychology: A Methodological Approach, Prentice-Hall, 1990.

6) Mohsin, S.M.: Research Methods in Behavioral Sciences, Orient Longman, Calcutta, 1981.

7) Singh, A.K.: Tests, Measurements and Research Methods In Behavioural Sciences. Tata

McGraw Hill, New Delhi, 1988.

8) Snodgrass, J.G., Levy-Berger, G. And Haydon, M.: Human Experimental Psychology. Oxford University Press, N.Y., 1985

6

**Paper-IV A Marks-50**

## **MODULE 2.3**

**FULL MARKS – 50**

### **DEVELOPMENTAL AND EDUCATIONAL PSYCHOLOGY**

1. Concept and definition of development, role of genetic and environmental factors in development.

2.

a) Pre natal development

b) Physical, speech, emotional, cognitive, moral, social and personality

development in each stage of life span.

3. Understanding exceptional children- classification characteristics education of different classes of exceptional children (Gifted, Mentally Retarded and Delinquent).

**Paper-IV B Marks-50**

**MODULE 2.4**

**FULL MARKS – 50**

**PRACTICAL**

**(Problem + LNB + Viva Voce = 30 + 10 + 10)**

1. Determination of the two point tactual thresholds by appropriate psycho-physical methods (constant and gradation).

2. Determination of DL using kinaesthetic sense modality using appropriate psycho-physical methods (constant and gradation) and Verification of Weber's

law.

3. Determination of the effect of a) whole vs. part learning b) unspaced vs. spaced learning c) Proactive Inhibition and d) Retroactive Inhibition on memorization.

**Selected Books (Texts and References):**

1) Aggarwal, J.C.: Basic Ideas in Educational Psychology, Shipra Publication, Delhi, 2001.

2) Anastasi, A.: Psychological Testing, New York: MacMillan Co. 1990.

3) Berk, L.E.: Child Development, Allyn and Bacon. Boston, 1989.

4) Brodzinsky, D.M., Gormly, A.V. & Anibron, S.R.: Life Span Human Development, CBS

Publishers, New Delhi, 1986.

5) Carmichael, L. Child Psychology, Wiley Eastern Pvt. Ltd. New Delhi, 1968.

6) Chauhan, S.S.: Advanced Educational Psychology, Vikas Publishing House (P) Ltd., New Delhi, 1987.

7) Heatherington, E.B., & Parke, R.D.: Child Psychology, McGraw Hill New York, 1986.

8) Hurlock E.B.: Developmental Psychology: A Life-Span Approach. TMH Edition, 1985.

9) Kaplan, R.M. & Sacuzzo, D.P.: Psychological Testing: Principles, Applications and Issues, 5th Edition, Asian Books Pvt. Ltd. Singapore, 2001.

10) Kothurkar, V.V. & Vanarase, S.D. : Experimental Psychology, Wiley Eastern, New Delhi, 1985.

7

11) Mussen, P., Conger, J.J., & Kagan, J.: Child Development and Personality, (Fifth Edition)

Harper and Row, 1979.

12) Nunnally, J.C.: Psychometric Theory, Tata McGraw Hill, New Delhi, 1981.

13) Papalia, D.E. & Olds, S.W.: Human Development. (Fifth Edition) Tata McGraw Hill, New Delhi, 1994.

14) Santrock, J.W.: Life Span Development, McGraw Hill, New York, 1999. 7

15) Snodgrass, J.G., Levy-Berger, G. And Haydon, M.: Human Experimental Psychology.

Oxford University Press, N.Y., 1985.

16) Srivastav, A.K.: Child Development: An Indian Perspective. NCERT, New Delhi,

1998.

17) Thomas, K. Crowl, Kaminsky, Sully & Podell, David, M.: Educational Psychology: Windows on Teaching, 1997.

18) Woodworth, R.S. & Schlosberg, H.: Experimental Psychology (Latest Edition) Primplani, Oxford and MBH Publishing Co. Calcutta.

PART-III

**Paper-V Marks-100**

**MODULE 3.1**

**FULL MARKS- 50**

**SOCIAL PSYCHOLOGY**

1. Social organization, social interaction; person perception, attribution.
2. Attitude: definition, formation of attitude, theories, measurement; change of attitude.
3. Group psychology: Definition and classification of group; group structure and function.

Conformity and compliance. Leadership: definition, classification and function. Leadership and morale.

4. Stereotype, prejudice and discrimination; concept and origin, measurement; Reduction of prejudice.

5. Self: Self Knowledge – Origin and Aspects; Self – Regulation; Social Comparison theory;

Culture and Self.

**MODULE 3.2**

**FULL MARKS- 50**

**HEALTH AND COUNSELLING PSYCHOLOGY**

1. Nature and scope of health psychology – bio-psycho-social model of health psychology.
2. Stress and health – nature, types, causes and consequences of stress. Stress management. Stress disorders. Health promoting and health damaging lifestyles.
3. Theories of personality – (a) Psychodynamic – Freud (b) Behavioural- Eysenck
4. Concept of adjustment – mental health, mental hygiene, criteria and factors of adjustment, frustration and conflict.
5. Counselling: meaning, purpose and steps.

8

**Paper-VI Marks-100**

**MODULE 3.3**

**FULL MARKS- 50**

**PRACTICAL**

**(Problem + LNB + Viva Voce = 30 + 10 + 10)**

1. Determination of ethnic prejudice by a suitable method.
2. To determine the effect of group influence on problem solving.
3. To determine the cohesiveness of a small group by sociometric method.

**MODULE 3.4**

**FULL MARKS – 50**

**PRACTICAL**

**(Problem + LNB + Viva Voce = 30 + 10 + 10)**

1. Determination of the effect of set on simple reaction time by variation of a) instruction b) foreperiod.
2. Determination of complex reaction time: a) discriminative and b) choice reaction time.
3. Construction of attitude questionnaire to determine attitude towards any one of the following social institutions or ideas by Likert's Scale.

Institution

- a. Marriage
- b. Religion
- c. Family
- d. Institutionalisation of the Elderly

Ideas

- e. Reservation
- f. Capital Punishment
- g. Euthanasia
- h. Globalisation

9

**Selected Books (Texts and References):**

- 1) Atwater, E.W.: Psychology of Adjustment. Prentice Hall New Jersey, 1983.
- 2) Belkm, G.S.: Introduction to counselling. W.G.: Brown Publishers: 1988.
- 3) Fiest, G.A.: Theories of Personality, (Latest Edition) Holt, Reinhart & Winston.
- 4) Goldberger, I. & Breznitz, S.: Handbook of Stress: Theoretical and Clinical Aspect. The Free Press Collier MacMillan Publishers. London, 1986.
- 5) Hogan, R.: Personality Theory, Prentice Hall, New Jersey, 1976.
- 6) Kimble, C.E.: Social Psychology: Studying Human Interaction. C. Brown Publishers, N.Y. 1990.
- 7) Kothurkar, V.V. & Vanarase, S.D. : Experimental Psychology, Wiley Eastern, New Delhi, 1985.
- 8) Krech, D. & Crutchfield, R.S.: Theory and Problems of Social Psychology. McGraw Hill, N.Y. 1961
- 9) Lindgren, H.C.: An Introduction to Social Psychology. Second Edition. John Wiley and Sons, N.Y. 1973.
- 10) Lindzey, G. & Aronson, E.: Handbook of Social Psychology. Amerind Publishing Company, New Delhi, 1975, Vol III and IV (Selected Chapters).
- 11) Marks, D.F., Murray, M., Evans, B. & Willig, C.: Health Psychology: Theory, Research and Applications (Latest Edition) New Delhi: Sage Publication, 2000.
- 12) Misra, G. (Ed.): Psychological Perspectives on Stress and Health, New Delhi, Concept. 1999.
- 13) Sears, D.C., Peplau, I.A., Freedom, J.L., & Taylor, S.E. : Social Psychology. Prentice

Hall International Inc., New Delhi, 1988.

14) Sherif, M & Sherif, C.W.: Social Psychology, Harper and Row Publishers New York, 1969.

15) Snodgrass, J.G., Levy-Berger, G. And Haydon, M.: Human Experimental Psychology.

Oxford University Press, N.Y., 1985.

16) Whitman, R.D.: Adjustment: The Development and Organization of Behaviour. Oxford

University Press, N.Y. 1980.

17) Windy, D.: Counselling in Action. N.Y. : Sage Publication, 1988.

18) Woodworth, R.S. & Schlosberg, H.: Experimental Psychology (Latest Edition) Primplani,

Oxford and MBH Publishing Co. Calcutta.

**Paper-VII Marks-100**

### **MODULE 3.5**

#### **FULL MARKS- 50**

#### **INDUSTRIAL PSYCHOLOGY AND ORGANISATIONAL BEHAVIOUR**

- 1) Introduction. Concept of industrial psychology and organizational behaviour.
- 2) Personnel selection - basis and Methods of Selection, Job Analysis - methods, measurement and uses.
- 3) Content theories of work motivation, job satisfaction and job involvement.
- 4) Working conditions (a) Physical (illumination, noise, colour, temperature, humidity and pollution). (b) Temporal (work schedule, shift work and rest period). (c) Psychological (boredom, fatigue and monotony) condition at work. Accident prevention
- 5) Human Resource Development and Training.

### **MODULE 3.6**

#### **PSYCHOPATHOLOGY**

#### **FULL MARKS- 50**

- 1) Concepts of normality, abnormality and psychopathology.
- 2) Current classification of mental disorders (According to APA) – Concept of neurotic, psychotic, psycho-physiological disorders.

10

3) Signs, Symptoms and Etiology of Anxiety disorder – Generalized anxiety disorder, phobia and obsessive compulsive disorder.

4) Signs, Symptoms and Etiology of Somatoform disorders – Somatization and Conversion

5) Signs, Symptoms and Etiology of Mood disorders – Major Depressive Disorder and Bipolar disorders.

6) Signs, Symptoms and Etiology of Schizophrenia – Paranoid, Disorganized, Catatonic,

Undifferentiated, Residual.

**Paper-VIII Marks-100**

### **MODULE 3.7**

#### **FULL MARKS – 50**



## **PRACTICALS**

**(Problem + LNB + Viva Voce = 30 + 10 + 10)**

- 1) Measuring intelligence by (i) Koh's block design test and (ii) Cube construction test.
- 2) Measuring intelligence of an adult individual using Binet – Kamath Test of Intelligence.

Determination of (a) interest by a standardized interest inventory – Guildford Zimmerman

Interest Inventory and Strong and Deb Interest Inventory (b) Aptitude by Differential Aptitude Test (English version of Ojha) (i) Numerical Ability (ii) Verbal Reasoning.

## **MODULE 3.8**

**FULL MARKS- 50**

### **PRACTICAL**

**(Problem + LNB + Viva Voce = 30 + 10 + 10)**

1. Personality testing – Eysenck Personality Questionnaire.
2. Determination of levels of anxiety using any suitable test (Indian adaptation)
3. Ergographic determination of nature and amount of work and fatigue and the conditions of: (a) varying rhythm (b) varying rest pause and (c) varying load.

### **Selected Books (Texts and References):**

- 1) Blum, N.L., & Naylor, J.C.: Industrial Psychology – its theoretical and social foundation; Harper International Editon. Tokyo Harper & Row, 1968.
- 2) Chatterjee, N.R.: Psychology in Industry, New Delhi. University of Delhi, 1967.
- 3) Ghosh, P.K. & Ghorpade, M.B.: Industrial Psychology, (Latest Edition) Himalaya Publishing Bombay.
- 4) Harrell, T.W.: Industrial Psychology. Indian Edition. Oxford and IBH. Calcutta, 1964.
- 5) Kumar, A.: Organizational Behaviour. Anmol Publication, 2000.
- 6) McCormick, E.J. & Ilgen, D.: Industrial Psychology. Prentice-Hall India Pvt. Ltd., New Delhi, 1984.
- 7) Mohanty, G. : Textbook of Industrial and Organizational Psychology, Oxford and IBH publishing Co. New Delhi, 1988.

11

12

- 8) Robbins, S.P.: Organizational Behaviour: Concepts, Controversies and Applications. VII

Ed. New Delhi, Prentice Hall of India, 2000.

- 9) Schultz, D.P. & Schultz, S.P., Psychology and Industry Today – An Introduction to Industrial and Organizational Psychology (6th ed.) Macmillan Co. N.Y. 1992.

- 10) Tiffin J. And McCormick E.J.: Industrial Psychology. Allyn and Unwin 1971.

- 11) Buss, A.H.: Psychopathology, N.Y. John Wiley, 1999.

- 12) Coleman, J.C.: Abnormal Psychology and Modern Life. Taraporevala Sons and Co. Pvt.

Ltd. (Latest edition by Carson and Butcher.)

- 13) Gelder, N.G. et al. Textbook of Psychiatry, Oxford University Press, 1984.

- 14) Kolb, D.C. : Modern Clinical Psychiatry, W.B. Sanders Co., London, 1973.

- 15) Lamm, A.: Introduction to Psychopathology, N.Y.: Sage, 1997.

- 16) Mohanty, G.: Textbook of Abnormal Psychology, Kalyani Publishers, New Delhi, 1985.

- 17) Sanmugam, T.G.: Abnormal Psychology. Tata McGraw Hill Co., New Delhi, 1983.  
 18) Kothurkar, V.V. & Vanarase, S.D. : Experimental Psychology, Wiley Eastern, New Delhi, 1985.  
 19) Woodworth, R.S. & Schlosberg, H.: Experimental Psychology (Latest Edition) Primplani, Oxford and MBH Publishing Co. Calcutta.  
 20) Snodgrass, J.G., Levy-Berger, G. And Haydon, M.: Human Experimental Psychology. Oxford University Press, N.Y., 1985.

12

## PSYCHOLOGY – HONOURS COURSE OF STUDY

### MARKS DISTRIBUTION FOR EXAMINATION PURPOSE FOR EACH THEORETICAL MODULE

1. Two questions of 5 marks each out of 4 choices (Word Limit for each answer- 300)
2. One question of 10 marks out of 3 choices (Word Limit for each answer- 800)
3. Two questions of 15 marks each out of 4 choices (Word Limit for each answer- 1000)

EXAMINATION TIME FOR EACH THEORETICAL MODULE 2HOURS

### MARKS DISTRIBUTION FOR EXAMINATION PURPOSE FOR EACH PRACTICAL MODULE

1. Experiment/ Testing - 30
2. Laboratory Note Book - 10
3. Viva Voce - 10

EXAMINATION TIME FOR EACH PRACTICAL MODULE 2<sup>1</sup>/<sub>2</sub> HOURS

13

## PSYCHOLOGY SYLLABUS – GENERAL COURSE

### Part-I

#### Paper-I (F.M. 100)

#### Module 1.1

#### THEORY- 50 Marks

##### a) Basic Psychological Processes

1. Introduction – Definition, Nature, Scope, Methods, Branches of Psychology
2. Sensory Processes and Perception - a.) Sensation – Attributes, Modality, Characteristics of Sensory Processes.  
 b.) Difference between Sensation and Perception, Determinants of Perception. Gestalt Theory of perception.  
 c.) Attention – Determinants of Attention. Fluctuation, Oscillation and Shifts.
3. Emotion – Nature, Basic Emotions, Physiological Correlates of Emotion.

##### b) Biological Bases of Behaviour

4. a) CNS – Brain and Spinal Cord  
 b) PNS- Nerve Cell and its functions. Receptors and Effectors.

5. Endocrine Glands – Pituitary and Adrenal.

### **Module 1.2**

#### **THEORY-50 Marks**

##### **a) Developmental Psychology**

1. Introduction – Definition, scope, methods.
2. Heredity and Environment – Principles of heredity; Influence of Heredity and Environment on Development.
3. Child Development – Prenatal development; Postnatal development upto adolescence – physical and social.

2

##### **b) Educational Psychology**

4. Introduction: Definition, Scope and Methods. Relation of Psychology with Education.
5. Learning Theories – Trial and Error. Classical. Operant and Insight.
6. Memory and Forgetting – a) Encoding, Storage, Retrieval. Sensory, STM, LTM.
- c) Decay, Interference, Retrieval failure, Motivated forgetting.
7. Intelligence – a) Definition, Nature, Measurement

14

8. Exceptional Children – Gifted, MR.

### **Part II**

#### **Module 2.1**

##### **Paper IIA**

#### **THEORY-50 Marks**

##### **a) Social Psychology**

1. Introduction: Nature, scope and methods
2. Social Interaction: Conformity; Cooperation; Norms, Attitude and Values.
3. Group: Nature of groups; Influence of group on individual behaviour; crowd and mob behaviour.
4. Social issues: Public opinion and Propaganda.

##### **b) Industrial Psychology**

5. Introduction: Aim, scope and methods.
6. Work and Environment: Illumination, Ventilation, Temperature, Noise. Accidents in Industry: Causes and Prevention.

#### **Module 2.2**

##### **Paper IIB**

#### **PRACTICAL – 50 Marks**

#### **[Experiment/ Testing- 20; Statistics-10; LNB-10; Viva-10]**

1. Frequency Distribution and Graphical Representation (Polygon, Histogram, Bar Diagram, Pie Chart).
2. Measures of Central Tendency (Both long and short method)
3. Span of Attention; Fluctuation of Attention (Determination using intensity)
4. Assessment of Intelligence by a suitable Culture Fair Test – (Raven's Progressive Matrices Test).
5. Assessment of intelligence by a performance test – Dearborn's Form board OR KOH's block design. 3

#### **Module 2.3**

##### **Paper IIIA**

## **THEORY-50 Marks**

### **a) Psychopathology**

1. Introduction: Definition of psychopathology. Concept of abnormality: Criteria of normality.
2. Determinants of Abnormal Behaviour : a) Biological; b) Psychological; c) Socio-Cultural
3. Methods of studying abnormal behaviour : Case History; Interview; Psychometric; Projective.
4. Symptoms of : I) Schizophrenia – Paranoid; Disorganized; Catatonic; Undifferentiated and Residual Type.  
II) Mood Disorders – Major Depressive and Dysthymic disorders.  
III) Anxiety Disorders – Generalized Anxiety Disorder; Phobia; Obsessive and Compulsive Disorder.

### **b) Adjustment**

5. Introduction: Concept of adjustment; Mental Health; Mental Hygiene; Criteria and factors of adjustment.
6. Stress: Concept, Types of Stress, Frustration and Conflict.
7. Reaction to stress: Generalized principles of adjustive behaviour; Task oriented and defence oriented reaction patterns.
8. Freudian Concept of Mind: Conscious, preconscious, and unconscious. Structure of Mind – Id, Ego and Superego.

## **Module 2.4**

### **Paper IIIB**

#### **PRACTICAL – 50 Marks**

[Experiment/ Testing- 20; Statistics-10; LNB-10; Viva-10]

1. Measures of variability – AD, SD, Quartile
2. Correlation – Rank difference.
3. Determination of the affective values of colours by the method of impression.
4. Assessment of neurotic evidence of personality by any suitable test (KNPI).
5. Designing and conducting experiments on Memory  
a) Learning method using nonsense and meaningful materials.  
Whole vs. Part learning.

[The four semesters cover papers I, II, and III respectively. Total 300marks]

4

#### **Selected Books (Texts and References): Part-I and Part II**

1. American Psychiatric Association: Quick Reference to The Diagnostic Criteria from DSM – IV: Jaypee Brothers, New Delhi, 1<sup>st</sup> Indian Edition, 1995.
2. Bhatia, H.R.: Elements of Educational Psychology. Orient Longman, Calcutta, 1973.
3. Boring, E.G., Langfield, H.S. & Weld, H.P.: Foundations of Psychology, Asia Publishing House, Calcutta, 1963.
4. Carson, R.C., Butcher, J.N. & Coleman, J.C.: Abnormal Psychology & Modern Life, (8<sup>th</sup> ed.) Scoff, Foresman & Co. 1988.
5. Collins, M. & Drever, J.: Experimental Psychology, Lyall Book Depot, Ludhiana, 1968.
6. Garrett, H.E. & Woodworth, R.S.: Statistics in Psychology and Education, Vakils Feffer & Simons Ltd. 1981.
7. Hurlock, E.B.: Child Development, McGraw Hill 1979.

8. Kuppaswamy, B.: Elements of Social Psychology, Vikas Pub. House ( P) Ltd. New Delhi, 1993.

9. McCormick, E.J. & Tiffin, J.: Industrial Psychology, Prentice Hall, New Delhi, 1974.

10. Morgan, C.T., King, R.A., Weisz, J.R., & Schopler, J: Introduction to Psychology (International Student Edition) McGraw Hill Book Co., 1986.

11. Munn, N.L., Fernald, R.S. & Carmichael, L.: An Introduction to Psychology, (8th ed.) Oxford and IBH Pub. Co. Calcutta, 1967.

12. Parameswaram, E.G.E., Beena, C.: Invitation to Psychology, Tata McGraw Hill Publishing Co. Ltd. New Delhi, 1968.

13. \_\_\_\_\_, \_\_\_\_\_: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ |
14. \_\_\_\_\_, \_\_\_\_\_: \_\_\_\_\_!"\_, .\_. #\$\_% \_& \_'\_( ) \_\_\_\_\_) \_ ( , , , \* +\_ #& ) \_\_\_\_\_,+ |
15. \_\_\_\_\_-"\_, '.\_/01: \_\_\_\_\_!"\_, \_\_\_\_\_! \_\_\_\_\_ \$2. '\_( ) \_\_\_\_\_), \_\_\_\_\_ 3\_1 - \$ \_\_\_\_\_4- \_\_\_\_\_, |
16. 5 67 \_\_\_\_\_, .\_.: \_\_\_\_\_ \$ \_\_\_\_\_, .\_. \$ \_\_\_\_\_, +8, 9 \_\_\_\_\_, : \_\_\_\_\_, \_\_\_\_\_4+ |
17. 5 67 \_\_\_\_\_, .\_.: ;" \_\_\_\_\_, \_ ( \_\_\_\_\_ , +4, \_\_\_\_\_ \$ \_\_\_\_\_, : \_\_\_\_\_, \_\_\_\_\_4< |
18. # \_\_\_\_\_, .\_.: = \_\_\_\_\_, : \_\_\_\_\_" !" \_\_\_\_\_, ' \_\_\_\_\_ # \_\_\_\_\_, : \_\_\_\_\_, \_\_\_\_\_4+ |
19. \_?\_0, ;6 : #\_@\_ . \_\_\_\_\_, \_\_\_\_\_A' (\$ \_\_\_\_\_, \_\_\_\_\_4BI
20. \_C\_ - \_\_\_\_\_;6\_D : ;" \_\_\_\_\_E, \_F\_G "\$" \_\_\_\_\_0 !, \_H\_ . \_\_\_\_\_I1, \_\_\_\_\_ |
21. \_\_\_\_\_, \$J!K : \_\_\_\_\_\$ \_\_\_\_\_!"\_, L / \_\_\_\_\_, \_\_\_\_\_4BI
22. \_\_\_\_\_, .M\_N : \_\_\_\_\_O \_\_\_\_\_ 1 \* \_\_\_\_\_#" \_\_\_\_\_, \_\_\_\_\_0' \_\_\_\_\_, \_\_\_\_\_ \$ \_\_\_\_\_, : \_\_\_\_\_, |
23. \_& , \$J ! : \_\_\_\_\_ P\_Q \_!"\_, 4\_ 3\_1, \_\_\_\_\_ \$2., \_\_\_\_\_, \_\_\_\_\_ |
24. \_& , \$J ! : \_\_\_\_\_ ( \_\_\_\_\_RS, \_F\_G \_\_\_\_\_T \_!"\_, \_U\_U |

**Module 3.1**

**Part III**

**Paper IVA**

**THEORY-50 Marks**

**a) Guidance and Counselling I**

1. Concept of Guidance and Counselling.
2. Special areas of Counselling – Educational, Vocational, Family, Marriage, Old age and Health.
3. a) Counselling Process – Steps of Counselling; Factors influencing counselling.  
b) Methods - Directive and Non-directive.

**b) Guidance and Counselling II**

4. a) Psychological Tests: Types, Characteristics and Uses.  
b) Aptitude, Interest and Personality tests.
6. Non-test Appraisal Techniques: Case Study, Cumulative Record Card.

**Module 3.2**

**Paper IVB**

**PRACTICAL – 50 Marks**

[Testing- 30; LNB-10; Viva-10]

**Application of Psychological Tests**

1. Personality test – EPQ
2. Verbal Intelligence Test – Terman- Merrill
3. Strong and Deb Vocational Interest Blank or Guildford Zimmerman Interest

Inventory

4. Aptitude Test – D.A.T (Selected Parts- Spatial Relation and Mechanical Aptitude).

[Semesters 5 and 6 comprise paper IVa, and IVb. Total 100 marks.]

6

**Selected Books (Texts and References): Part-III:**

1. Mandal, J. : Mental Health, Mental Disorder and Psychotherapy, 2010, Shoma Book Agency.

Book Agency.

2. Jones, A.J.: Principles of Guidance, (Latest Ed.) Tata McGraw Hill Co. New Delhi.

3. Kochar, S.K.: Educational & Vocational Guidance in Secondary Schools, (Latest Ed.), Sterling Pub. Pvt. Ltd. New Delhi.

4. Rao, S. Narayan: Counselling and Guidance, (Latest Ed.) The School Guidance of Work (Latest Ed.), General Printers and Publishers, Calcutta.

5. \_\_\_\_, \_!\_.0: \_V\_\_ \* \_R\_S\_\_ \_\_!\_\_ (\_0\_\_3\_1), \_W\_\_ \_\_(\_X\_\_, \_ \_\_ \_ I

6. \_\_\_\_, '\_AD\_\_ : \_V\_\_ /\_"\_\_ \* \_\_!\_\_ (\_0\_\_3\_1), \_"\_\_\$% \_\_\_\_\_, \_ \_\_ \_ I

**PSYCHOLOGY – GENERAL COURSE OF STUDY**

**MARKS DISTRIBUTION FOR EXAMINATION PURPOSE FOR EACH**

**THEORETICAL MODULE**

1. Two questions of 5 marks each out of 4 choices (Word Limit for each answer- 250)

2. One question of 10 marks out of 3 choices (Word Limit for each answer- 500)

3. Two questions of 15 marks each out of 4 choices (Word Limit for each answer- 800)

**EXAMINATION TIME FOR EACH THEORETICAL MODULE 2 HOURS**

**MARKS DISTRIBUTION FOR EXAMINATION**

**PURPOSE FOR EACH**

**PRACTICAL MODULE**

1. Experiment/ Testing - 20

2. Statistics - 10

3. Laboratory Note Book - 10

4. Viva Voce - 10

**EXAMINATION TIME FOR EACH PRACTICAL MODULE**

1 Hour - Statistics

2 Hours - Experiment/ Testing