

THE UNIVERSITY OF BURDWAN



SYLLABUS FOR THREE-YEAR B.A/ B.Sc. GENERAL COURSE OF STUDIES (1+1+1 Pattern)

IN

**PSYCHOLOGY
WITH EFFECT FROM 2016-2017**

COURSE STRUCTURE AT A GLANCE

PART-I

Theoretical	Marks
<u>Paper I:</u> Module 1.1: a) Basic Psychological Processes	
b) Biological Bases of Behaviour	50
Module 1.2: a) Developmental Psychology	
b) Educational Psychology	50
Total : 100	

PART-II

Theoretical	Marks
<u>Paper II:</u> Module 2.1: a) Social Psychology	
b) Industrial Psychology	50
Module 2.2: a) Research Methodology	
b) Adjustment	50
<u>Paper III :</u> Module 2.3: Practical	100
(EXP: 40+STATS: 20+LNB:20+VIVA VOCE:20)	
Total: 200	

PART-III

Category B : For General Course students only

Theoretical	Marks
<u>Paper IV (A):</u> Module 3.1: a) Psychoathology	
b) Guidance & Counselling	65
<u>Paper IV (B):</u> Module 3.2: Practical	35
Total: 100	

CATEGORY A: For Students with Honours in subjects other than Psychology

Total Marks: 200(Theoretical) + 100 (Practical) = 300

CATEGORY B: For General course Students only

Total Marks: 265 (Theoretical) + 135 (Practical)= 400

Part-I

Paper-I

F.M. - 100

Module 1.1 (50 Marks)

a) Basic Psychological Processes

1. Introduction – Definition, Nature, Scope, Methods, Branches of Psychology 4L
2. Sensation and Perception , a.) Sensation – Attributes, Modality, Characteristics of Sensory Processes. 4L
b.) Difference between Sensation and Perception, Determinants of Perception. Gestalt Theory of perception, Type of Perception—Depth, Form & Time 6L
3. Attention – Determinants of Attention. Fluctuation, Oscillation and Shifts. 4L
4. Memory and Forgetting – a) Encoding, Storage, Retrieval, STM, LTM.
b) Decay, Interference, Retrieval failure, Motivated forgetting. 5L
5. Emotion – Nature, Basic Emotions, Physiological Correlates of Emotion. 4L

b) Biological Bases of Behaviour

6. a) Nerve Cell and its functions. Receptors and Effectors, Nervous System
b) Structure and Function – Brain and Spinal Cord 10L
7. Endocrine Glands – Pituitary and Adrenal. 3L

Module 1.2 (50 Marks)

a) Developmental Psychology

1. Introduction – Definition, scope, methods. 4L
2. Heredity and Environment – Principles of heredity; Influence of Heredity and Environment on Development. 6L
3. Child Development – Prenatal development; Postnatal development up to adolescence – physical and Personality (social, moral) 10L

b) Educational Psychology

4. Introduction: Definition, Scope and Methods. Relation of Psychology with Education. 4L
5. Learning Theories – Trial and Error. Classical, Operant and Insight. 6L
6. Intelligence – a) Definition, Nature, Measurement 6L
7. Exceptional Children – Gifted, MR. 4L

Part II

Paper II

F.M. - 100

Module 2.1 (50 Marks)

a) Social Psychology

1. Introduction: Nature, scope and methods 4L
2. Social Interaction: Conformity; Cooperation; Norms, Attitude and Values. 8L
3. Group: Nature of groups; Influence of group on individual behaviour; crowd and mob behaviour. 8L
4. Social issues: Public opinion and Propaganda. 5L

b) Industrial Psychology

5. Introduction: Aim, scope and methods. 4L
6. Work and Environment: Illumination, Ventilation, Temperature, Noise. 6L
7. Accidents in Industry: Causes and Prevention. 5L

Module 2.2 (50 Marks)

a) Research Methodology

1. Variables and their classification 4L
2. Research Problem and Hypothesis 4L
3. Sampling, Types of Sampling and Sampling Procedure 4L
4. Experimental Method and Field study 4L
5. Standardization of Psychological Tests: Reliability, Validity, Norms 10L

b) Adjustment

6. Introduction: Concept of adjustment; Mental Health; Mental Hygiene; Criteria and factors of adjustment - Freudian Concept of Mind: Conscious, preconscious, and unconscious, Structure of Mind – Id, Ego and Superego. 10L
7. Stress: Concept, Types of Stress, Frustration and Conflict. 4L

Paper III

F.M. - 100

Module 2.3

PRACTICAL-100 Marks

[Experiment/ Testing- 40; Statistics-20; LNB-20; Viva-20]

1. Frequency Distribution and Graphical Representation (Polygon, Histogram, Bar Diagram, Pie Chart). 8L
2. Measures of Central Tendency (Both long and short method) 8L
3. Measures of variability – Quartile, SD, Variance 8L
4. Correlation – Product Moment, Rank difference. 8L
5. Span of Attention; Fluctuation of Attention (Determination using intensity) 8L
6. Assessment of Intelligence by a suitable Culture Fair Test – (Raven’s Progressive Matrices Test). 6L
7. Assessment of intelligence by a performance test – Dearborn’s Form board OR Alexandar Pass-Along Test 8L
8. Determination of the affective values by using PANAS Test 6L
9. Assessment of personality by K.N.P.I & K.I.E.I. 8L
10. Designing and conducting experiments on Memory
 - a) Learning method using nonsense and meaningful materials.
 - b) Whole vs. Part learning. (12L)

Part III

Paper IV

F.M. - 100

Module 3.1

Paper IV(A) (65 Marks)

a) Psychopathology

1. Introduction: Definition of psychopathology. Concept of abnormality: Criteria of normality. 8L
2. Determinants of Abnormal Behaviour : a) Biological; b) Psychological; c) Socio-Cultural 6L
3. Methods of studying abnormal behaviour : Case History; Interview; Psychometric; Projective. 12L
4. Symptoms of :
 - I) Schizophrenia – Paranoid; Disorganized; Catatonic; Undifferentiated and Residual Type. 8L
 - II) Mood Disorders – Manic Depressive. 6L
 - III) Anxiety Disorders – Generalized Anxiety Disorder; Phobia; Obsessive Compulsive Disorder. 12L

a) Guidance and Counselling

1. Concept of Guidance and Counselling. 4L
2. Counselling Process – Steps of Counselling; Factors influencing counselling, Methods of Counselling - Directive and Non-directive.

Module 3.2

Paper IVB

PRACTICAL – 35 Marks

[Testing- 20; LNB-05; Viva-10]

Application of Psychological Tests

1. Personality test – EPQ 5L
2. Strong and Deb Vocational Interest Blank 5L
3. Aptitude Test – D.A.T (Selected Parts- Scholastic Aptitude- Verbal and Numerical) 6L

Selected Books (Texts and References):

General and Cognitive Psychology

- Anastasi, A.: Psychological Testing, New York: MacMillan Co. 1990.
- Atkinson, R.L., Atkinson, R.C., Smith, E.E., & Hilgard, E.R. : Introduction to Psychology, (Latest Edition). Harcourt Brace Java Publishers, Tokyo.
- Baron, R.A. : Psychology: The Essential Science. Allyn and Bacon, New York, 1995.
- Chaplin, J. P. & Krawiec, T. S. (1988). Systems and Theories of Psychology (4th Edition). New York; Holt, Rinehart and Winston.
- Ciccarelli, S.K. & Meyer, G.E. Psychology, First Edition, Pearson India, 2008. Edition) Methuen and Co. Ltd. London.
- Feldman, R.S. (2004). Understanding Psychology (6th Edition), New Delhi, Tata Mc. Graw Hill Publishing Company Limited.
- Guilford, J.P. & Fruchter, B.: Fundamental Statistics in Psychology and Education, Hall,1990.
- Mangal, S.K. : General Psychology, (Latest Edition) Sterling Publishers Pvt. Ltd., 1998. McGraw Hill New Delhi, ISE,1988.
- McGuigan, F.J.: Experimental Psychology: A Methodological Approach, Prentice-Morgan, C.T., King, R.A., Weisz, J.R., & Schopler, J. (2008). Introduction to psychology (7th edition) Bombay: Tata-McGraw Hill.
- Munn, N.L., Fernald, L.D., and Ferhald, P.S.: Introduction to Psychology, Third Edition, Oxford IBH Publishing House Co., Calcutta 1972.
- Schultz, D.P. & Schultz, S.E. (2007). History of Psychology (9th Edition, Belmont, USA, Thomson Wardsworth.
- Woodworth, R.S., & Sheehan, M.R.: Contemporary Schools of Psychology, (Latest Edition)
- Mishra,B.K. :Psychology : The Study of Human Behaviour, Latest Edition, PHI 2015
- Galotti, K.M.Cognitive Psychology : In and Out of The Laboratory, 5th Edition, SAGE TEXTS
- Roy, S. Sikhya Manobigyan:, Soma Book Agency.
- Sarkar, N.R Monobigyan o Jibon, Gyan Kosh Prakashoni, Dhaka, Bangladesh
- Siddique, Monobigyan , Dhaka, Bangladesh

Physiological Psychology

- Carlson, N.: Physiology of Behaviour, Allyn and Bacon,2000.
- Garrett, B. : Brain and Behavior, Sage Publications, 2008.
- Grossman, S.P.: A Text Book of Physiological Psychology, John Wiley and Sons Inc.
- Guyton, Arthur C. & Hall, John E.: Textbook of Medical Psychology, (Ninth Edition) New York, 1967.
- Pinel, J.P.J: Biopsychology, Allyn and Bacon, 2000.
- Prism Books Pvt. Ltd., Bangalore, 1966.
- Schneider, A.M. and Tarshis, B.: Physiological Psychology, Random House, New York,1975.

Research Methodology and Psychometry

- Broota, K. D. (1989). Experimental Designs in Behavioural Research. New Delhi: Wiley Eastern Limited.
- McGuigan, F.J.: Experimental Psychology: A Methodological Approach, Prentice-Hall, 1990.
- Mohsin, S.M.: Research Methods in Behavioral Sciences, Orient Longman, Calcutta, 1981.
- Nunnally, J.C.: Psychometric Theory, Tata McGraw Hill, New Delhi, 1981.
- Singh, A.K.: Tests, Measurements and Research Methods In Behavioural Sciences. Tata McGraw Hill, New Delhi, 1988.
- Snodgrass, J.G., Levy-Berger, G. And Haydon, M.: Human Experimental Psychology. Oxford University Press, N.Y., 1985.
- Woodworth, R.S. & Schlosberg, H.: Experimental Psychology (Latest Edition) Primplani, Oxford and MBH Publishing Co. Calcutta.
- Garrett, H.E. Statistics in Psychology and Education, Paragon International Publishers (Latest Edition)
- Das, D., Das. A, Statistics in Biology and Psychology, Academic Publishers, Latest Edition
- Roy, S. Mulyayon: Neeti O Koushal – Educational Mental Measurement, Soma Book Agency.
- Sarkar, N. Monoboigyanik Porimapon O Porisonkhyan, Gyankosh Prokashoni, Banglabajar, Dhaka.

Human Development and Educational Psychology

- Berk, L.E.: Child Development, Allyn and Bacon. Boston, 1989.
- Chauhan, S.S.: Advanced Educational Psychology, Vikas Publishing House (P) Ltd., New Delhi, 1987.
- Heatherington, E.B., & Parke, R.D.: Child Psychology, McGraw Hill New York, 1986.
- Hurlock E.B.: Developmental Psychology: A Life-Span Approach. TMH Edition, 1985. New Delhi, 1994.
- Papalia, D.E. & Olds, S.W.: Human Development. (Fifth Edition) Tata McGraw Hill,
- Santrock, J.W.: Life Span Development, McGraw Hill, New York, 1999..
- Woolfolk, A. (2004). Educational Psychology, (9th Edition). Boston, Pearson.
- Banu, S. Bikash Manobigyan, Dhaka University, 1992.

Social Psychology

- Kimble, C.E.: Social Psychology: Studying Human Interaction. C. Brown Publishers, N.Y. 1990.
- Krech, D. & Crutchfield, R.S.: Theory and Problems of Social Psychology. McGraw Hill, N.Y. 1961.
- Lindgren, H.C.: An Introduction to Social Psychology. Second Edition. John Wiley and Sons, N.Y. 1973.

Lindzey, G. & Aronson, E.: Handbook of Social Psychology. Amerind Publishing Company, New Delhi, 1975, Vol III and IV (Selected Chapters).

Sears, D.C., Peplau, I.A., Freedom, J.L., & Taylor, S.E. : Social Psychology. Prentice Hall International Inc., New Delhi, 1988.

Baron.

Industrial Psychology

Aswathappa, K. (2007) Organizational Behavior (5th Edition). Mumbai, Himalaya Publishing House.

Blum, N.L., & Naylor, J.C.: Industrial Psychology – its theoretical and social foundation; Harper International Editon. Tokyo Harper & Row, 1968.

Chatterjee, N.R.: Psychology in Industry, New Delhi. University of Delhi, 1967.

Ghosh, P.K. & Ghorpade, M.B.: Industrial Psychology, (Latest Edition) Himalaya Publishing Bombay.

Harrell, T.W.: Industrial Psychology. Indian Edition. Oxford and IBH. Calcutta, 1964.

Kumar, A.: Organizational Behaviour. Anmol Publication, 2000.

Luthans, F. (2002). Organizational Behavior (9th Edition). USA, Tata McGraw Hill.

McCormick, E.J. & Ilgen, D.: Industrial Psychology. Prentice-Hall India Pvt. Ltd., New Delhi, 1984.

Mohanty, G. : Textbook of Industrial and Organizational Psychology, Oxford and IBH publishing Co. New Delhi, 1988.

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

Psychopathology

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

Coleman, J.C.: Abnormal Psychology and Modern Life. Taraporevala Sons and Co. Pvt. Ltd. (Latest edition by Carson and Butcher.)

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

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

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

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

Sanmugam, T.G.: Abnormal Psychology. Tata McGraw Hill Co., New Delhi, 1983.

Sarason, I.G., & Sarason, B.R. (2002). Abnormal Psychology: The problem of maladaptive behaviour. New Delhi: Prentice Hall.

Health Psychology

Atwater, E.W.: Psychology of Adjustment. Prentice Hall New Jersey, 1983.

Belkm, G.S.: Introduction to counselling. W.G.: Brown Publishers: 1988.

Fiest, G.A.: Theories of Personality, (Latest Edition) Holt, Reinhart & Winston.

Gelso, J. & Fretz, R. (2000). Counselling Psychology (2nd Edition). Brooks Cole.
Goldberger, I. & Breznitz, S.: Handbook of Stress: Theoretical and Clinical Aspect.
Marks, D.F., Murray, M., Evans, B. & Willig, C.: Health Psychology: Theory, Research and Applications (Latest Edition) New Delhi: Sage Publication, 2000.
The Free Press Collier MacMillan Publishers. London, 1986.
Whitman, R.D.: Adjustment: The Development and Organization of Behaviour. Oxford University Press, N.Y. 1980.
Windy, D.: Counselling in Action. N.Y. : Sage Publication, 1988.

PSYCHOLOGY – GENERAL COURSE OF STUDY

MARKS DISTRIBUTION OF PRACTICAL PAPERS FOR EXAMINATION

PAPER III

1. Experiment/ Testing – 40
2. Statistics – 20
3. Laboratory Note Book – 20
4. Viva Voce – 20

PAPER IV (B)

1. Experiment/ Testing - 20
2. Laboratory Note Book - 05
3. Viva Voce – 10

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