SYLLABUS OF PSYCHOLOGY FOR B.A.

(2013-2014 Onwards)

Subject: Psychology (Undergraduate Courses)

B.A. I

Paper-1: Basic Psychological Processes	Max. Marks: 50
Paper-2: Experimental Method and Statistics	Max. Marks: 50
Practical	Max. Marks: 50

PSYCHOLOGY

B.A. I

Paper-I **Basic Psychological Processes** **M.M. 50**

UNIT-I

Introduction: Definition, goals and scope of psychology; Approaches: biological, psychodynamic, behavioristic, and cognitive; Method: Observation, Experiment, Interview, Questionnaire and Case study.

UNIT-II

Biological Bases of Behaviour: Human evolution: Genes and behavior; Hormones and Glands; Nervous System: Neuron, Central Nervous system and Peripheral nervous system.

UNIT-III

Sensation and Perception: Meaning and characteristics of sensation, Types of sensation; Visual sensation: Structure of eye and phenomena of visual sensation; Colour sensation; Auditory sensation: Structure of ear and theories of audition; Nature and characteristics of perception; Gestalt theory of perception: figure and ground, Laws of perceptual organization.

UNIT-IV

Attention: Meaning and characteristics of attention; Types of attention: Kinds of attention; Determinants of attention; Fluctuation of attention.

UNIT-V

Learning: Nature of learning; Theories of learning: Thorndike's trial and error theory of learning. Theory of conditioning: Classical conditioning and Instrumental conditioning, Phenomena of conditioning.

UNIT-VI

Memory and Forgetting: Definition of memory; Processes involved in memory; Methods of measuring retention; Types of memory: sensory memory, short-term memory, and long-term memory. Process of forgetting; Determinants or causes of forgetting; Interference: proactive and retroactive interference, Ziegarnik effect.

UNIT-VII

Motivation and Emotion: Nature of motivation; Major concepts related to motivation; Types of motivation: Biogenic and sociogenic motives; Theories of motivation: The need hierarchy model and Arousal theory of motivation. Meaning and definition of emotion, Physiological changes in emotion; Theories of emotion: James-Lange theory and Cannon-bard

UNIT-VIII

Intelligence: Meaning and definition of intelligence, Theories of intelligence: Uinfactor theory, Spearman's theory, Thorndike's theory, Thurston's theory, Guilford's theory. Measurement of Intelligence: concept of I.Q., Types of intelligence test

Books recommended:

Baron, R.A. Psychology: The Essential Sciece. New York: Allyn & Bacon

Zimbardo, P.G. & Weber, A.L. Psychology, New York: Harper Collins College Publi.

Lefton, L.A. Psychology. Boston: Allyn & Bacon

Garrett , Introduction to Psychology: Indian reprint, Oxford IBH

General Osychology, by Morgan, C.T.

Adhunik Samanya Manovigyan By R.N. Singh, Vinod Pustak Mandir Agra

Adhunik Samanya Manovigyan by Azimur Rahman

Adhunik Prayogik Manovigyan by L.B. Tripathi

Adhunik Manovigyan by S.S. Mathur

Adhunik Manovigyan by D.N. Sinha & Others

Manovigyan Ke Mool Adhar by R.K. Tondon

PSYCHOLOGY

B.A.-I

Paper-II **Experimental Method and Statistics** **M.M. 50**

UNIT-I

Introduction: Nature of Science and Scientific Method. Steps involved in Experimentation

UNIT-II

Problem and Hypothesis: Statement of problem, sources of problem, characteristics of good problem. Meaning and nature of hypothesis, types of hypothesis.

UNIT-III

Variables: Meaning and definition of variable, types of variable and control of variables.

UNIT-IV

Statistics in Psychology: Meaning and purpose of statistics in psychology. Discrete and continuous variables.

UINT-V

Frequency distribution and their graphical representation: frequency polygon, histogram, cumulative frequency curve, and ogive.

UNIT-VI

Measures of Central Tendency: Mean, Median, and Mode: meaning, computation and application

UNIT-VII

Measure of variability: Range, Quartile deviation, and Standard deviation: Meaning. application and computation.

UNIT-VIII

Correlation: Concept of correlation, Linear and Non-linear correlation, Pearson's product moment correlation (real and assumed mean), Spearman's Rank order correlation.

Books Recommended:

Verma , and Ghufran,M. (2012). Statistics for Psychology, N. Delhi: Tata Mc Graw Hill

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

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

Gupta, S.P. (2005) Sankhikiya Vidhiyan. Allahabad: Sharda Pustak Bhawan

Kapil, H.K. (1980). Sankhikiya ke Mool tatva. Agar Vinod Pustak Mandir

Singh, A. K. (2000). Test, Measurement and Research Methods. Patna: Bharti Bhawan.

Kaplan, R.N. &Saccuz, D.P. (2001). Psychological Testing : Principle, Application and Issues (5th Ed.) USA: Wadsworth Thomson learning.

PRACTICAL

B.A. 1 **M.M.-50**

Any six from the following:

1. Bilateral transfer of training
2. Maze learning
3. Influence of set on perception
4. Effect of knowledge of results on performance
5. Retroactive Inhibition
6. Free Association
7. Memory span for digits/words
8. Verbal test of intelligence
9. Performance test of intelligence
10. Reaction Time