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**PSYCHOLOGY**

**Psychology**

**B.Sc -I BA, B.Sc**

**Paper- I**

**Basic Concepts to Psychology**

1. **Introduction to Psychology**
2. Nature and scope ;
3. Brief Historical Background and Schools of Psychology

1. **Methods of Psychology**
2. Observation
3. Case History
4. Experiments
5. Survey and Interview
6. **Development of Behavior**

 Heredity

 Maturation

 Environment and Nature vs. Nurture

1. **Nervous system and endocrine Glands**

Central and peripheral Nervous system and Endocrine glands

1. **Sensation, Perception and Attention**

Sensation and its Characteristics Vision: Structure and functions of the Eye colour Vision, colour mixture and colour blindness theory of colour vision .

Audition: Structure and functions of the Ear.

Definition and determinants of Perception

Kinds of perception (Depth Perception , Temporal Perception of movement , perception of form & space)

Definition of Attention ( Subjective and Objective factors in attention, Span and fluctuation in Attention)

1. **Motives**
2. Definition
3. Classification

Primary / unlearned motives (e.g hunger , thirst respiration , digestion , fatigue and sleep , maternal behavior and Sex)

Secondary/ learned motives (e.g Play & manipulation, Exploration and curiosity, need for affiliation, social approval , self actualization

1. **Emotions:**
2. Definition
3. Physiological change during emotion
4. Circulation of Blood
5. Cardio visceral
6. Glandular
7. Galvanic skin response

( c ) Theories of Emotion ;

1. James Lange Theory
2. Cannon –bard Theory
3. **Learning**
4. Definition
5. Methods: Conditioning ( classical and instrumental ), trial and error imitation and insight
6. **Memory and forgetting**

Memory:

1. Definition
2. Memory processes , retention, recall , short term memory , long term memory
3. Tools of thinking (Imaginary, language & concepts ).

**Books Recommended**

Hilgard, E.R & Atkinson , R.c Introduction to psychology ( latest edition) Harcourt Word Inc.

Munn,

Munn, N.L Psychology , (latest Edition ). Houghton-Mifflin

Ruch F.L Psychology and life (Latest Edition). Scott Foreman and co

Mangal , S.K , general Psychology (latest Edition ) New Dehli sterling Publisher.

**Laboratory work and statistics**

1. **Experiments**

Eye hand coordination through Mirror drawing technique

Mass Vs distribution practices :learning of meaningful and meaningless materials

Maze learning

Muller –Lyar illusion

1. Statistics:

Techniques for data collection ,

Under grouped data & Grouped Data

Measures of central tendency (Computation of Mean, Median and Mode)

**Books Recommended**

Postman, L and Egan , J.P Experimental Psychology ( latest edition ). An Introduction ,New York : harpner & Row

Garrett H.E Statistics in Psychology and education (latest Edition) New York : Longman ,Green Co.

**Paper II**

Personality Theories

* 1. **Personality Theories**
	2. Study of various theories of personality
1. **The psychoanalytic approach by Sigmund Freud’s** (i) Freud’s biography (ii) the level of personality (iii) The structure of personality: Id , ego and super ego (iv) Defense Mechanisms
2. **The Neo psychoanalytic Approach by Carl Jung**
3. Jung’s Biography (ii) Psychic Energy: opposite Equivalence and entropy (iii) The system of personality (iv) The development of personality
4. **An Individual Psychology Theory of personality by Alfred Adler**
5. Alder’s Biography (ii) Striving for superiority (iii) The Style of Life (iv) Social interests (v) Birth order
6. **A Psychosocial Theory of personality by Erik Erikson**
7. Ericson’s biography (ii) Psychological stages of personality development (iii) Erikson’s basic assumptions concerning human nature
8. **A need theory of personality by Henry Murray**
9. Murray’s Biography (ii) Needs : The motivators of behavior (iii) Erikson’ basic assumption concerning human nature
10. **A Behavior learning theory by B.F Skinner**
11. Skinner’s biography (ii) skinners view of the person (iii) operant conditioning (iv)Reinforcement : basis of behavior
12. **Theory self Actualization by Ibrahm Maslow**
13. Maslow’s biography (ii) Malsow views of person basic concepts of human needs (iii) self actualization , person needs and values.
14. **A trait Theory of personality by Gordon Allport**
15. Allport’s Biography (ii) Personality trait (iii) Motivation: The Functional autonomy of motives (iv) Personality development in childhood : The unique self (v) The healthy adult personality.
16. **A social Learning Theory of personality by Albert Bandura**

Bandura’s biography (ii) Modeling : the basis of observational learning (iii) Self- Reinforcement and self efficacy (iv) Developmental stages of Modeling and self- Efficacy (v) behavior Modification

1. (i). Rogers’ Biography (ii) Rogers view of human nature (Iii) Actualizing Tendency as life’s master Motive (iv) Rogers’ view of the good life; The fully functioning person.

**Books Recommended**

Schultz, D.P & Schultz S.E theories of personality (latest edition) Thomson Wads worth

Hjelle , L.A & Ziegler , dj personality theories basic assumption , research & application ( latest edition ) Boston ; Houghton Mifflin Company

Carver , C.S & Scheir , M.F perspectives of personality ( latest Edition)

Boston ; Alln & Bacon.

Engler . B. Personality theories : An Introduction (latest Edition)

 **B.Sc Part- II**

**Paper III**

1. **Developmental Psychology**
2. Introduction, Method’s (Longitudinal; Cross-Sectional)
3. Aspects of Development: Physical, Psychological, Social, Linguistic & Cognitive
4. Phases of Development: Prenatal, Birth, Infancy, Childhood, Adolescence, Adulthood, Old-age.
5. **Abnormal Psychology**
6. Concept of normality and abnormality
7. Cause (Biological , Psychological)
8. Psychological Disorders:
9. Neuroses ( Anxiety , Hysteria, Phobia Obsessive / compulsive)
10. Psychoses (Schizophrenia, Maniz / Depressive paranoia, Evolutional Depression)
11. Character disorder (Psychopathic personality , drug abuse , Delinquency)
12. **Social Psychology**
13. Introduction
14. Attitude
15. Leadership and its kinds

Books Recommended

Hurlock, E. B. (1978). *Child development*. McGraw-Hill Books Co

Klinnerberg, o Social Psychology (Revised Edition) .(Latest Edition) NY:Holt, Rinehart and Winston.

Robach , AA Present Day psychology (latest Edition) Green wood Press Publishers 1986

Sue Understanding Abnormal Behavior Latest Edition) sage Publication

Colman ,JC Butcher , J.N & Carson R.C Abnormal Psychology and Modern Life (Latest Edition) London : scott Foreman co.

**Laboratory Work.**

1. **Laboratory Work.**

Span of attention thermal & pain Sensation ,Memory change in seriual reproduction

1. **Statistics**

Graphic Presentation of data ; the frequency polygon

Test of Significance: t-test

**Books Recommended**

Postman l and Egan JP Experimental psychology (Latest Edition an Introduction New York Harper & Row

Garrett, H.E statistics in Psychology and Education ( Latest edition ) New York Longman Green & co.

**B.Sc Part- II**

**Paper IV**

1. **Psychological Testing**
2. Introduction
3. Types of test (Individual ,Group , Verbal ,Performance ,Structured , Un-Structured ability
4. Intelligence test: Stanford-binet, Raven’s Progressive Matrices.
5. Personality tests: Thematic apperception Test (TAT) Minnosta Personality test (MMPI)
6. **Educational psychology**
7. Introduction:
8. Learners characteristics (Intelligence, Motivation , interest , skills and aptitude.
9. Teacher’s Characteristics : Teacher’s Personality , Teachers as Model , Communication skills ,Teachers ‘ Expectations.
10. Educational Environment : class room atmosphere , counseling and vocational guidance.

**Laboratory Work**

* + 1. Experiments

World Association Test

Bilateral Transfer learning

1. **Statistics**

Graphic presentation of data : Histogram

M Methods of correlation : coefficient correlation

**Books Recommended**

Anastasi, A., *Psychological testing*. (Latest edition ) New York: Macmillan Publisher.

Marcuse , F.L Areas of Psychology (Latest edition ) Harper and brothers Publishers

 Postman, L., & Egan J.P. (2001). *Experimental psychology: An introduction* .

 New York : Harper & Row Publishers.

Garret, H.E. *Statistics in psychology and education*. (Latest edition ) New York: Longmans & Green

Sharma . educational; Psychology (Latest edition ) N.P.H Corporation New Dehle.