

Revised Syllabus [02/02/15]

**SYLLABUS FOR PSYCHOLOGY UNDERGRADUATE COURSE (GENERAL)**

**First Half: Basic Psychological Processes & Biological Basis of Behaviour (Full Marks-50)**

• *Basic Psychological Processes : (Full Marks --25)*

**PART - I**      **Paper - I**  
**(Full Marks - 100)**

• *Biological Bases of Behavior : (Full Marks ---25)*

**Second Half: Developmental Psychology and Educational psychology ( Full Marks - 50)**

• *Developmental Psychology : (Full Marks ----25)*

• *Educational Psychology : (Full Marks ----25)*

**First Half: Social Psychology & Industrial Psychology (Full Marks-50)**

• *Social Psychology (Full Marks - 25)*

**PART - II**      **Paper - II (Full Marks - 100)**

• *Industrial Psychology (Full Marks - 25)*

**Second Half: Methodology & Adjustment (Full Marks-50)**

• *Methodology (Full Marks - 25)*

• *Adjustment (Full Marks - 25)*

**Paper - III**      **(Experiments-60, statistics-15; Lab. Notebook-15, Viva**  
**Practical**      **Voice-10)**  
**(Full Marks - 100)**

**PART - III**      **Paper - IV**      **First Half: Psychopathology (Full Marks-50)**

**Theory - 50**

**Practical - 50**      **Second Half: Application of Psychological Tests (Full**  
**(Full Marks - 100)** **Marks-50)**



## PART - I

Paper - I (Full Marks - 100)

First Half: Basic Psychological Processes & Biological Basis of Behaviour (Full Marks-50)(a) *Basic Psychological Processes : (Full Marks ---25)*

1. Introduction - Definition, Nature, Scope, Methods, Branches.
2. Sensory Processes and Perception : (a) Sensation - Attributes, <sup>modalities</sup> and characteristics of sensory process. (b) Perceptual processes --- <sup>differences between</sup> Sensation and Perception ; Determinants of perception. (c) Attention & Perception : Determinants of attention : Fluctuation, oscillation & shifts of attention: ~~Distraction of attention.~~
3. Emotion : Nature; physiological <sup>correlates</sup> basis (~~Lymbie system, A.N.S and glandular~~). Basic emotional reactions ---- Love, fear and anger.
4. Personality : Definition: Traits & Types (general idea); Measurement.

(b) *Biological Bases of Behavior : ( Full Marks ---25)*

5. Peripheral response mechanism --- Nerve cells and its functions; Receptors and Effectors.
6. Central Nervous System ---- Spinal Cord, Medulla, Thalamus, Hypothalamus, Cerebellum, Cerebrum ---- Structure and Functions.
7. ~~Sense Organs --- Visual, auditory, Cutaneous and Chemical.~~

Second Half: Developmental Psychology and Educational psychology ( Full Marks - 50)(a) *Developmental Psychology : (Full Marks ----25)*

7. Introduction --- Definition, scope, methods , *principles of development*
8. Heredity and Environment ---- ~~Principles of Heredity~~; Influence of heredity and environment.
9. Child Development -- <sup>stages of</sup> Prenatal development; Postnatal development up to adolescence - ~~physical, cognitive, and emotional.~~ *social (pregang age, gang post gang age), Moral (Piaget's theory & Kohlberg's theory)*



10. ~~10~~ (b) **Educational Psychology : (Full Marks ----25)**  
Introduction : Definition, Scope and Methods, Relation of Psychology with Education

11. ~~11~~ (i) Learning : Definition, Theories ---- Trial-and error, Conditioning  
---- Classical and operant, ~~and insight~~, Learning curve. unit II

(ii) Memory : Encoding, storage and retrieval processes; Sensory, short-term and long term memories; Forgetting : Decay, interference, retrieval failure, ~~motivated forgetting and amnesia.~~

12. ~~12~~ Intelligence: Definition, nature and measurement. (concrete, Abstract)

13. ~~13~~ Exceptional children : Gifted and retarded children.

## PART - II

### Paper - II (Full Marks - 100)

#### First Half: Social Psychology & Industrial Psychology (Full Marks-50)

##### (a) *Social Psychology (Full Marks - 25)*

1. Introduction: Nature, Scope and methods.
2. Social Interaction: Conformity, Compliance and attitude (formation of attitude and change of attitude). (Stages)
3. Group: ~~Structure~~ <sup>Nature</sup> & classification of groups; crowd and mob behaviour.
4. Social issues: Public opinion and Propaganda.

##### (b) *Industrial Psychology (Full Marks - 25)*

5. Introduction: Aim, Scope and methods.
6. Work and Environment: Illumination, ventilation, temperature, noise, fatigue and rest.
7. Accidents in Industry: cause and prevention.

#### Second Half: Methodology & Adjustment (Full Marks-50)

##### (a) *Methodology (Full Marks - 25)*

8. Common sense and scientific thinking.
9. Measurement scales.
10. Problem and Hypothesis.
11. Variables: types.



12. Experimental method & Field study. ~~states~~ *basic concepts of*  
 13. (a) Standardization of psychological tests: reliability, validity & norms.  
 (b) Aptitude, Interest, and Personality tests.

(a) Adjustment (Full Marks - 25)

14. Introduction: Concept of adjustment; Mental health; Mental hygiene; Criteria and factors of adjustment.  
 15. Stress: Concept of stress, eustress and distress, conflict. — *Definition and type*  
 16. Reaction to stress: ~~Generalized principles of adjustive behaviour; task-oriented reaction patterns; defense-oriented reaction patterns; coping.~~  
 17. Freudian concept of mind: topographical theory, structure of mind, defense mechanisms (*Rationalization, Repression, Regression, Sublimation, Reaction formation, Projection*)

Paper - III: Practical (Full Marks - 100)

(Experiments-60, statistics-15; Lab. Notebook-15, Viva Voce-10)

1. Determination of the fluctuation of attention.
2. ~~Experimental~~ determination of the effect of suggestion on the rate of perceptual reversibility by a standard structural figure.
3. Designing and conducting experiments on learning: *Determination of learning capacity using nonsense materials and meaningful materials*
  - (a) Learning method using nonsense and meaningful materials.
  - (b) Whole vs. part learning.
4. Assessment of Intelligence:
  - (a) By a performance test (Koh's Block Design test).
  - (b) By a suitable Culture Fair Test (Raven's Progressive Matrices test). *Cattell Culture Fair Test*
5. Assessment of level of anxiety by any suitable test. *(STAI)*
6. computational exercise on the following areas of statistical application:
  - ~~(a)~~ Graphical representation of data - frequency polygon, histogram, bar diagram & pie chart.
  - a) (b)* Central tendencies - Mean, Median and Mode.
  - b) (c)* Variability: Average deviation, standard deviation, Quartiles.
  - c) (d)* Correlation: Product moment correlation and rank difference correlation.

PART - III

Paper - IV (Full Marks - 100)

First Half: Psychopathology (Full Marks-50)



- ✓ 1. Introduction: Definition of Psychopathology; Concept of abnormality; Criteria of normality.
2. Determinants of abnormal behavior: (a) biological, (b) psychological, (c) socio-cultural.
- ✓ 3. Methods of studying abnormal behaviour: case history, interview, psychometric and projective techniques.
- ✓ 4. Clinical picture of Schizophrenia: paranoid, disorganized, catatonic, undifferentiated and residual type.
- ✓ 5. Clinical picture of depressive disorders.
- ✓ 6. Clinical picture of anxiety disorders – generalized anxiety disorder, phobia, and obsessive compulsive disorder.

***Second Half: Practical - Application of Psychological Tests (Full Marks-50)***

1. Guilford-Zimmerman Interest Inventory /
2. Personality Test – EPQ.
3. Wechsler Adult Performance Intelligence Scale.
4. Aptitude Test – DAT (Spatial Relation, Mechanical Reasoning and Clerical Speed & Accuracy). /



PSYCHOLOGY UNDERGRADUATE COURSE- GENERAL

PART 1  
Paper I FULL MARKS-100  
(Basic Psychological Processes And Human Development)

(A) BASIC PSYCHOLOGICAL PROCESSES: FULL MARKS-25

Sl. No.	Topic	Number of lectures	Teacher's name	When to be taught
1	INTRODUCTION	3	A.M.	July,17
2	SENSORY PROCESSES AND PERCEPTION	6	R.C.	July- Sept.,17
3	EMOTION	5	A.M.	January,2018
4	PERSONALITY	5	P.B.	Aug-Sept.,17

First Half BASIC PSYCHOLOGICAL PROCESSES & BIOLOGICAL BASIS OF BEHAVIOUR; FULL MARKS-50

(B) BIOLOGICAL BASES OF BEHAVIOR:(FULL MARKS-25)

Sl. No.	Topic	Number of lectures	Teacher's name	When to be taught
5	PERIPHERAL RESPONSE MECHANISM	3	P.B.	September,17
6	CENTRAL NERVOUS SYSTEM	5	P.B.	Sept.-Nov., 17

SECOND HALF:DEVELOPMENTAL PSYCHOLOGY AND EDUCATIONAL PSYCHOLOGY (FULL MARKS-50)

(A) DEVELOPMENTAL PSYCHOLOGY: FULL MARKS-25

Sl. No.	Topic	Number of lecturers	Teacher's name	When to be taught
7	INTRODUCTION	5	R.C.	November, 17
8	HEREDITY AND ENVIRONMENT	2	A.M.	November,17
9	CHILD DEVELOPMENT	8	R.C.	December, 17

(B) EDUCATIONAL PSYCHOLOGY (FULL MARKS-25)

Sl. No.	Topic	Number of lectures	Teacher's name	When to be taught
10	INTRODUCTION	5	A.M.	Aug-Sept.,17
11 i	LEARNING	8	P.B.	Nov-Dec.,17
11 ii	MEMORY	5	R.C.	January, 18
12	INTELLIGENCE	3	P.B.	February, 18
13	EXCEPTIONAL CHILDREN	5	A.M.	Feb.-March, 18

Tentative Exam Schedule: Unit Test:As per decision of the college  
PART II

PAPER II (FULL MARKS-100)

FIRST HALF: SOCIAL PSYCHOLOGY & INDUSTRIAL PSYCHOLOGY (FULL MARKS-50)



**(A) SOCIAL PSYCHOLOGY(FULL MARKS-25)**

Sl. No.	Topic	Number of lectures
1	INTRODUCTION	3
2	SOCIAL INTERACTION	7
3	GROUP	5
4	SOCIAL ISSUES	3

Teacher's name	When to be taught
P.B.	August, 17
P.B.	Sept-Nov., 17
G.L.	December, 17
G.L.	January, 18

**(B) INDUSTRIAL PSYCHOLOGY (FULL MARKS-25)**

Sl. No.	Topic	Number of lectures
5	INTRODUCTION	3
6	WORK AND ENVIRONMENT	2
7	ACCIDENTS IN INDUSTRY	1

Teacher's name	When to be taught
G.L.	August, 17
P.B.	August, 17
P.B.	August, 17

**SECOND HALF: METHODOLOGY AND ADJUSTMENT (FULL MARKS-50)**

**(A) METHODOLOGY (FULL MARKS-50)**

Sl. No.	Topic	Number of lectures
8	COMMON SENSE AND SCIENTIFIC THINKING	1
9	MEASUREMENT SCALES	5
10	PROBLEM AND HYPOTHESIS	4
11	VARIABLES: TYPES	4
12	EXPERIMENTAL METHOD	3
13	STANDARDIZATION OF PSYCHOLOGICAL TESTS	1
		6

Teacher's name	When to be taught
A.M.	August, 17
A.M.	Aug-Sept, 17
A.M.	September, 17
R.C. ✓	August, 17
G.L.	January, 18
R.C.	Sept-Nov., 17 ✓

**(B) ADJUSTMENT (FULL MARKS-25)**

Sl. No.	Topic	Number of lectures
14	INTRODUCTION	4
15	STRESS	3
16	REACTION TO STRESS	2
17	FREUDIAN CONCEPT OF MIND	6

Teacher's name	When to be taught
G.L.	November, 17
A.M.	Nov-Dec, 17
A.M.	Nov-Dec, 17
R.C.	Nov-Dec, 17

**PAPER III : PRACTICAL (FULL MARKS-100)**

Sl. No.	Topic	Number of lectures
1	ON ATTENTION	MINIMUM 4 LECTURES
2	ON PERCEPTION	MINIMUM 4 LECTURES
3	ON LEARNING (2)	MINIMUM 4 LECTURES
	ON INTELLIGENCE (1)	MINIMUM 4 LECTURES
	ON INTELLIGENCE (1)	MINIMUM 4 LECTURES
5	ON ANXIETY	MINIMUM 4 LECTURES

Teacher's name	When to be taught
G.L.	Nov-Dec, 17
G.L.	Dec,17-Jan.18
P.B.	Sept-Nov, 17
A.M./R.C.	Jan-Feb.,18
R.C./A.M.	Dec,17-Jan.18
A.M.	Feb-March, 18



6 ON STATISTICAL APPLICATION (3) 2+1)

**PART III**

**TOPIC**

**Paper IV: ( Full Marks-100)**

**First Half: Psychopathology ( Full Marks-50)**

1. Introduction : concept of abnormality
2. Determinants of abnormal behaviour
3. Methods of studying abnormal behaviour
4. Clinical picture of schizophrenia
5. clinical picture of depressive disorders
6. Clinical picture of anxiety disorders

**Second Half: Application of psychological Tests( Full Marks-50)**

Topic

1. On Interest
2. On Personality
3. On Intelligence
4. On Aptitude

**MINIMUM 4 LECTURES**

Number of lectures

- 2
- 4
- 4
- 3
- 3
- 5

Number of lectures

- MINIMUM 4 CLASSES
- MINIMUM 4 CLASSES
- MINIMUM 4 CLASSES
- MINIMUM 4 CLASSES

**P.B. & R.C.**

Dec,17-Jan,18-Feb, 18

Teacher's name

When to be taught

- G.L. August, 17
- G.L. Aug-Sept, 17
- A.M. Aug-Sept, 17
- R.C. November, 17
- A.M./R.C. November, 17
- R.C./A.M. Aug-Sept, 17

Teacher's name

- A.M. November, 17
- G.L. Dec,17-Jan,18
- A.M. Nov.-Dec., 17
- R.C., Nov.-Dec., 17



WILSON  
SYLLABUS FOR PSYCHOLOGY HONOURS  
PART I

Paper I: Psychological Processes & Human Development (Full Marks - 100)

First Half

Basic Psychological Processes - 90 Lectures / classes.

1. Introduction - Definition, Nature, Scope, Methods and Branches of Psychology. History of Contemporary Psychology: - <sup>Write concepts about:-</sup> (a) Structuralism, (b) Functionalism, (c) Gestalt School, (d) Psychodynamic, (e) Behaviouristic School, (f) Cognitive School. - 25 classes.   
 [Just the concepts of Id, Ego, superego; Conscious - Unconscious, Defence and instincts (as in Morgan-King)]  
(Piaget's concept)
2. Information Processing Approach: Attention, Sensory processes and Perception. - 27 classes.
  - a) Attention process - Determinants of attention; shift and fluctuation; Divided Attention, Sustained Attention, Distraction. - (8 classes)
  - b) Concepts of sensory thresholds. Psychophysics - Weber- Fechner Law; Classical Methods: (i) Constant Method, (ii) Gradation Method, (iii) Method of Average Error. (7 classes)
  - c) Perception and its determinants; Perception of form, space, movement and time. Optical illusions. (12 classes)
3. Learning: Learning processes: Nature and factors of learning. Laws of <sup>(as in theories)</sup> Learning; Theories: Trial & Error; Conditioning - Classical & Operant; Insight, Social Learning Theory. Transfer of training. ~~Programmed learning.~~ - 12 classes
4. Memory: <sup>Atkinson-Shiffrin model,</sup> Factors; Encoding, Storage & Retrieval, ~~STM, LTM~~. Types of Memory, <sup>STM (working memory), LTM (Procedural, Episodic, Semantic)</sup> Forgetting - Nature, Curve of forgetting, Causes of forgetting. - 10 classes
5. Emotion - Nature; Theories; James-Lange; Cannon-Bard, ~~Lindsay~~, Schachter-Singer, and Lazarus. - 8 classes
6. Thinking and Reasoning: Nature of thinking; Inductive and Deductive reasoning; Problem solving ~~approaches~~. - <sup>Steps and strategies</sup> 8 classes.



Second Half

Human Development

- 63 classes / Lectures.

- ✓ 1. Concept and definition of development & Ageing. Role of genetic and environmental factors in development. Influence of cultural factors and socialization. Child Rearing Practices and Influences of Family. - 12 classes
2. ~~Prenatal and Infancy: Physical Development, Language Development, Social Development. Developmental Hazards.~~ 2. Prenatal Development and its Hazards. 5 classes
3. ~~Childhood: Moral, Emotional, Social, Cognitive development (a) Early Childhood; (b) Middle Childhood; (c) Late Childhood and their respective developmental Hazards.~~ 3. Language Development, Emotional Development and cognitive Development in each stage of life-span [Along with the Hazards]. 12 classes
4. ~~Puberty and Adolescence: Moral, Social, Cognitive development. Hazards.~~ 4. Moral and Social development in each stage of life-span 10 classes
5. ~~Adulthood: Moral, Social development, Interpersonal partnership, Marriage, Divorce. (a) Early, (b) Middle, (c) Late.~~ 5. Sensitive and critical periods of development - Puberty, Adolescence, and Old Age (Theories and hazards of Old Age). 14 classes
6. ~~Old Age: Theories, hazards of old age.~~ 6. Adulthood (Early, Middle): Interpersonal relationships, Marriage and Divorce 10 classes



Monday 10.30 11.15 PSYCHOLOGY HONS B

**PAPER II: Biopsychology, Education and Assessment (Full Marks – 100)**

First Half

Biopsychology

1. Biological foundation of behaviour: The cellular and genetic basis of behaviour. 6 classes.
2. Structure and function of neurone, Nerve impulse, Synapse and neurotransmitters. 8 classes
3. Nervous System and Brain: 20 classes
  - a) CNS - Brain: (a) Forebrain, (b) Midbrain, (c) Hind Brain. ( 10 classes )
  - b) Spinal Cord-Structure, functions, Reflex Arc. ( 5 classes )
  - c) Peripheral Nervous System-Introduction to Spinal nerves, Cranial Nerves and Autonomic Nervous System. ( 5 classes )
4. Neurophysiology of learning and memory: Role of Synaptic facilitation and inhibition on STM, LTM; Consolidation of memory. 12 classes

*learning and memory, separately.*
5. Emotional behaviour: Physiological correlates of emotion: Electrical, Circulatory changes, Respiration, and Peripheral measures. The role of ~~Cortex~~ *Limbic System* in emotion. Emotion and endocrine glands. 6 classes
6. Motivation: Concept of Homeostasis, Physiological basis of Hunger, Thirst (Central and Peripheral theories), ~~and sleep~~. 8 classes.



Monday

10.30

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PSYCHOLOGY HONS B

Second Half

Education & Assessment

- ✓ 1. Introduction – Role of Psychology in Education; Methods of Educational Psychology; Concept of Assessment. 4 classes
- 2. Motivation – Definition; Theories of Motivation – Maslow, McClelland, Murray. Application, Role of motivation in Education. 6 classes
- 3. Intelligence, Aptitude, Interest: 18 classes
  - ✓ a) Intelligence – Definition, Nature, Classification, Theories: Spearman, Thurstone, Guilford, Cattell; Assessment of Intelligence. (10 classes)
  - ✓ b) Aptitude – Definition, Nature, Relation between intelligence and aptitude, Assessment of aptitude. (5 classes)
  - c) Interest – Definition, Nature, Relation between interest and intelligence, Assessment of Interest. (3 classes)
- 4. Personality – Definition and meaning. Determinants. Introduction to Trait, Type, Type cum Trait, Psychodynamic and Humanistic Approaches; Personality and Education; Assessment of Personality. 16 classes  
→ (Only the introduction of the approaches, not the theories).
- 5. Understanding exceptional children – Classification <sup>along with their causes</sup> Gifted, Mental Retardation, Problem Children, backward children; Characteristics, Education of different classes of exceptional children. 30 classes
- 6. Application of Educational Psychology: Programmed Learning, ~~Tip of Tongue~~, Vocational Guidance ~~and Instruction~~. 4 classes

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PSYCHOLOGY HONS RO  
Monday 10.30 11.15  
SYLLABUS FOR PSYCHOLOGY HONOURS  
PART II

PAPER III: Psychometry and Methodology (Full Marks – 100)

First Half

Psychometry

1. Need for quantification in Psychology, Levels of measurement – nominal, ordinal, interval and ratio. 5 classes
  2. Processing of Data: 25 classes  
(5 classes)
    - a) Tabulation, Classification and frequency distribution of data. (8 " )
    - b) Meaning, types, uses and computational techniques of the measures of central tendencies. (12 " )
    - c) Meaning, types, uses and computational techniques of the measures of dispersion or variability. (12 " )
  3. Normal Probability Curve and its properties as well as its application. 8 classes
  4. Correlation – Meaning of bi-variate distribution, Coefficient of Correlation. Pearson's Product Moment and Spearman's Rank Difference Correlation – Computation and Use. Biserial, Point Biserial, Tetrachoric, Phi-Coefficient and Contingency Coefficient – Computation and Use. 30 classes
  5. Statistical Inference – Concepts and steps involved in drawing a statistical inference. 5 classes
  6. Concept of parametric and non-parametric statistics. Experimental hypothesis. Null hypothesis and its testing. Concept of standard error. 5 classes
- Computation and uses of t-test and chi-square test. 10 classes



Second Half

Methodology

1. Introduction – Common sense and scientific thinking, characteristic of scientific methods. 3 classes
2. Variables and their classification, Major steps in psychological research. 15 classes
3. Problems and Hypothesis – Characteristics of problems. Definition, sources and criteria of good hypothesis. Hypothesis and Theory. 10 classes
4. Experiment: 24 classes.
  - a) Experimental method and Field Study (6 classes)
  - b) Design of experiments: Controlling subjects, situation and sequence related variables. Single group and separate group designs. Quasi-experimental design <sup>Concept of</sup> and (time series) (18 classes)
5. Development and standardization of Psychological test: 15 classes
  - a) Concept of Item Analysis
  - b) Reliability
  - c) Validity
  - d) Norms



6. Application of Computer in different fields of Psychology.

2 classes.

#### PAPER IV: PRACTICALS

(Full marks-100; Experiments-70; Lab.Note Book-10 & Viva-Voce - 20).

1. Experimental determination of the rates of fluctuation of attention.
2. Experimental estimate of the rates of perceptual reversibility by standard structural figures (flower vase/human profile; Rubin's cross).
3. Experimental determination of errors of temporal perception - filled and unfilled.
4. Determination of the two-point tactual threshold by appropriate psychophysical methods (Gradation and Constant).
5. Determination of the effect of (a) Whole vs Part learning (b) Unspaced vs Spaced learning on memorization.
6. Determination of the effect of (a) Retroactive and (b) Proactive Inhibition on memorization. → [A.M. 3:45 during R.C.'s Leave]
7. Determination of (a) Muscular; (b) Natural ; (c) Sensorial reaction time by variation of : (i) quality of stimulus; (ii) intensity of stimulus; (iii) duration of fore period by any suitable instrument.
8. Determination of the effect of variation of task performing attentive states on emotional expression by using pneumographic reproductive instrument.



SYLLABUS FOR PSYCHOLOGY HONOURS

PART III

PAPER V: Social and Industrial Psychology and Organizational Behaviour  
(Full Marks-100)

First Half

Social Psychology

- ✓ 1. Introduction- Definition and nature of Social Psychology. Methods of Social Psychology. 6 classes
2. Person Perception, Attribution, Social Cognition. 10 classes
- ✓ 3. Attitude: Definition, Formation of attitude, Theories; Measurement, Change of Attitude. Difference between Attitude and Belief, Balance Theory, Cognitive Dissonance. 10 classes
4. Stereotype, Prejudice and Discrimination: Concept and origin. Measurement; Social Aggression and violence. Reduction of Prejudice. 20 classes
5. Group Psychology: Definition and Classification of group; Group structure and function. Conformity and Compliance. Crowd and Mob. Leadership: Definition, Classification and Function. Leadership and Morale. Leadership Training. 40 classes
6. Social Issues: 10 classes  
a) Political Behaviour – Public Opinion and Propaganda. (5 classes)  
b) Antisocial Behaviour – Delinquency and Crime. (5 classes)  
~~c) Disadvantaged Groups.~~



Second Half

Industrial Psychology and Organizational Behaviour

1. Introduction. Scope and importance of Industrial Psychology and Organizational Behaviour. Brief history and development with special reference to India. 6 classes
2. Personnel Selection and evaluation: Basis of selection; Job analysis methods, ~~measurement~~ and uses. Individual differences in abilities, aptitudes and personality, and uses of Psychological tests in selection practices. Personnel evaluation- its meaning and different methods. 16 classes
3. Work motivation, job satisfaction and job involvement. 20 classes  
① — Theories [Content Theories - Ach. - Motivation Th., Needs - Hierarchy Th., ERG Th., Two-factor Th.]  
② — Process Theories - VIE Th., Equity Th., Goal-Setting Th., High Performance Th.]
4. Working conditions and Organizational <sup>Culture (Ref. Luthans)</sup> climate - Physical (illumination, noise, colour, temperature, humidity and pollution), temporal (work schedule, shift work and rest period) and psychological (boredom and monotony, fatigue) conditions at work. Organizational climate and its impact on work. Industrial conflict and its reduction. 12 classes
5. Training and human resource development. — resources, processes and management. 6 classes
6. Accident, safety and Health - Causes of accidents, individual and situational factors in accident occurrence. Alcoholism and drug use in the workplace. Accident prevention. 8 classes



PSYCHOLOGY HONS B  
11.15  
3.45

PAPER VI: Psychopathology, Health and Counselling Psychology  
(Full Marks-100)

First Half

Psychopathology

- ✓ 1. Concept of normality and abnormality, Approaches to Abnormality. 12 classes
- ✓ 2. Methods of studying abnormal behaviour – clinical observation, case history, interview, psychological tests. — Basic tests to detect pathology (STAI, GDI, EPQ, TAT, RIT). 8 classes
3. Signs and symptoms of mental disorders. 10 classes
- M Introduction to Classificatory System, Classification of mental disorders – Distinction between psychotic, neurotic and psycho-physiological disorders.
4. <sup>Clinical Pictures and</sup> Etiology of mental disorders: 58 classes
  - a) Anxiety disorder – panic, phobia, obsessive-compulsive disorders. Generalized anxiety disorders. ~~PTSD~~. 12 classes
  - b) Somatoform disorders <sup>and</sup> ~~Conversion~~ reaction. Dissociative disorders. 10 classes
  - c) Mood disorders – Dysthmic disorder, major depressive episode. Bipolar affective disorders. <sup>epicody / disorders?</sup> 16 classes
  - d) Schizophrenia – Paranoid, Disorganized, Catatonic, Undifferentiated, and Residual. 20 classes
5. Substance related disorder (Drug and Alcohol). 12 classes

↓  
Theories as  
the causes [Ref. Carson-Butcher]

Monday
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6. Stress Disorder – Stress due to catastrophic events.

3 classes.

Second Half

Mental Health and Adjustment

✓ 1. Nature, scope and development of Health Psychology – Bio-Psycho-Social and Cultural models of Health Psychology. 6 classes

✓ 2. Stress and Health – Nature and types of stress, causes and consequences of stress. Coping strategies and social support. 20 classes

✓ 3. Theories of Personality: a) Psychodynamics – Freud; b) Behavioural – Dollard-Miller, Eysenck; c) Humanistic – Rogers. A.M. A.M. U.C. 35 classes

✓ 4. Concept of Adjustment – Mental Health, Mental Hygiene, criteria and factors of adjustment, Frustration and Conflict. 20 classes

5. Counselling: Meaning, purpose and steps. 6 classes

6. Health promoting and health damaging life styles. Stress management. 12 classes.

At 20 n ?



**Paper VII: Practical**

**(Full Marks – 100)**

(Lab.Expts. – 60, Psychometry – 20, LNB – 10, Viva – 10)

1. Determination of DL using kinaesthetic sense modality by appropriate psychophysical methods.
2. Experimental determination of: a) Discriminative, and b) Choice reaction time.
3. Computational exercises on hypothesis testing: 't' test and Chi-square test.
4. Computational exercises on correlation processes – product moment, rank difference, biserial, point biserial, tetrachoric, phi – coefficient, contingency coefficient.
5. Measuring Intelligence of an adult individual using any suitable test (Indian adaptation) - ~~BKT~~. WAPIS
6. Measuring Intelligence by (i) Koh's Block – Design test and (ii) Cube Construction test.
7. Assessment of memory function of an adult by any suitable test (Indian adaptation).



R.C. → [U.C. १११० during R.C.'s Leave]

8. Determination of (a) Interest by Guilford - Zimmerman Interest Inventory, (b) Aptitude by Differential Aptitude Test (English version of Ojha). (Scholastic ← Verbal & Numerical)

### Paper VIII: Practical

(Full Marks - 100)

(Lab. Expts. - 80, LNB - 10, Viva - 10)

R.C.

1. Determination of ethnic prejudice by a suitable method.

U.C.

2. Construction of an attitude questionnaire to determine attitude towards any social institution or ideas by Thurstone's Equal Appearing Interval.

A.M.

3. (a) To determine the effect of group influence on problem solving.

R.C.

4. (b) To determine the cohesiveness of a small group by sociometric method.

→ [A.M. २०११० during R.C.'s Leave]

A.M.

5. Ergographic determination of the nature and amount of work and fatigue under conditions of: (a) Varying rhythm; (b) Varying rest pause; (c) Varying load; (d) Work motivation, competition.

A.M.

6. Determination of neurotic<sup>ism</sup> and Psychotic<sup>ism</sup> evidence of personality using any standardized Indian test-EPQ.

R.C.

7. Determination of personality types of Introversion and Extroversion using any standardized Indian test. (K.I.E.I.) [U.C. २०११० during R.C.'s Leave]

A.M.

8. Determination of levels of Anxiety using any suitable test (Indian adaptation). (STAI)



Paper I  
(Basic Psychological Processes And Human Development)

First Half

Sl. No.	Topic	Number of lectures	Teacher's name	When to be taught
1	Introduction	25	Ms. Arpita Mukherjee (A.M.)	July-Aug, 17
2	Information Processing Approach	27		
	a. Attention Process	8	Rajasree Chakraborty (R.C.) ✓	Aug-Sept., 17
	b. Psychophysics	7	A.M.	September, 17
	c. Perception	12	Padmaja Bardhan (P.B)	Oct. - Nov., 17
3	Learning	12	R.C. ✓	November, 17
4	Memory	10	A.M.	December, 17
5	Emotion	8	A.M.	November, 17
6	Thinking and Reasoning	8	P.B.	November, 17
Total no. of lectures		90		

Second Half

Sl. No.	Topic	Number of lectures	Teacher's name	When to be taught
1	Definition and concepts of development	12	P.E.	September, 17
2	Prenatal development	5	R.C. ✓	September, 17
3	a. Language Development	3	A.M.	November, 17
	b. Emotional Development	4	A.M.	November, 17
	c. Cognitive Development	5	A.M.	November, 17
4	a. Moral Development	5	A.M.	February, 18
	b. Social Development	5	A.M.	February, 18
5	Sensitive and Critical periods of Development			
	a. Puberty and Adolescence	10	A.M.	Feb.-March, 18
	b. Old Age	4	R.C. → Rupsa/Binati	January, 18
6	Adulthood (Interpersonal Relations)	10	R.C.	December, 17
Total no lectures		63		



Paper II  
(Biopsychology, Education and Assessment)

First Half

Sl. No.	Topic	Number of lectures	Teacher's name	
1	Biological Foundation of Behaviour	<u>6</u>	R.C. ✓	<u>September, 17</u>
2	Neurone, nerve impulse, synapse and neurotransmitters	<u>8</u>	R.C. ✓	<u>November, 17</u>
3	Nervous system and Brain	20	P.B.	December, 17
4	Neurophysiology of learning and memory	12	A.M.	Dec., 17-Jan., 18
5	Emotional Behaviour	6	A.M.	January, 18
6	Motivation	8	G.L.	Jan.-Feb., 18
Total no. of lectures		60		

Second Half

Sl.No.	Topic	Number of lectures	Teacher's name	
7	Introduction	4	G.L.	<u>Aug.-Sept, 17</u>
8	Motivation	6	R.C. → Binati	<u>January, 18</u>
9	a. Intelligence	10	Gt. Reg	<u>Dec., 17-Jan., 18</u>
	b. Aptitude	5	G.L. Reg	
	c. Interest	3	Gt. Reg	
10	Personality	16	G.L.	November, 17
11	Understanding Exceptional Children	30	P.B.	July-Aug, 17
12	Application of Educational Psychology	4	G.L.	September, 17
Total no. of lectures		78		

TENTATIVE EXAM SCHEDULE

FIRST YEAR (HONS.) : UNIT TESTS: As per decision of the college

FIRST YEAR (HONS.) : TEST EXAM. IN FEB-MARCH

PART II

Paper III



(Psychometry and Methodology)  
First Half

Sl. No.	Topic	Number of lectures	Teacher's Name	
1	Levels of Measurement	5	G.L.	Aug.-Sept,17
2	Processing of data	25		
a.	Frequency Distribution	5	A.M.	August,17
b.	Measures of Central Tendency	8	R.C.	Aug.- Sept,17
c.	Measures of Dispersion	12	R.C.	Nov.- Dec,17
3	Normal Probability Curve	8	A.M.	December, 17
4	Correlation	30	R.C.	Aug- Sept- Nov, 17
5	Statistical Inference	5	P.B.	December, 17
6	Parametric and Non-parametric Statistics, Experimental Hypothesis, Standard error.	5	P.B.	Dec.,17-January,18
7	t-test and Chi-square test	12	P.B.	Dec.,17-Jan.,18
	Total no. of lectures	90		

Second Half

Sl. No.	Topic	Number of lectures	Teacher's Name	
1	Introduction	3	A.M.	November,17
2	Variables	15	A.M.	Aug-Sept, 17
3	Problems and Hypotheses	10	R.C. → Binati	January,18
4	Experiments	24		
a.	Experimental Method and Field Study	6	A.M.	December, 17
b.	Design of Experiments	18	G.L.	November, 17
5	Development and Standardization of Psychological test	15	A.M.	Feb.-March,18
6	Application of Computer	2	G.L. → Binati	February, 18
	Total no. of lectures	69		



PAPER IV (PRACTICAL)

Sl. No.	General Problem	Number of lectures	Teacher's Name	
1	On Attention (Figure-ground)	MINIMUM 4 CLASSES	G.L.	Aug-Sept,17
2	On Perception	MINIMUM 4 CLASSES	G.L.	Nov.-Dec.,17
3	On Temporal Perception (Filled and Unfilled)	MINIMUM 4 CLASSES	A.M./R.C.	March,18
4	On Psychophysics (Gradation And Constant)	MINIMUM 4 CLASSES	R.C. → Rupsa/Sinati	Jan.,18-March, 18
5	On Memory (Whole vs. Part and Unspaced vs. Spaced learning)	MINIMUM 4 CLASSES	R.C.	Aug-Dec.,17
6	On Memory (Retroactive and Proactive Inhibition)	MINIMUM 4 CLASSES	A.M.	Nov.-Dec.,17
7	On Reaction Time (Muscular, Natural and Sensorial)	MINIMUM 4 CLASSES	A.M.	Jan.-Feb.,18
8	On Emotional Expression	MINIMUM 4 CLASSES	R.C./A.M. → Rupsa/Sinati	March,18

TENTATIVE EXAM SCHEDULE

SECOND YEAR (HONS.) : TEST EXAM. IN JANUARY-FEBRUARY

PART III PAPER V  
(Social Psychology, and Industrial Psychology and Organizational Behaviour)

First Half

Sl. No.	Topic	Number of lectures	Teacher's Name	
1	Introduction	6	R.C.	August, 17
2	Person Perception, Attribution, Social Cognition	10	P.B.	August, 17
3	Attitude	10	P.B. R.C.	November, 17
4	Stereotype, Prejudice and Discrimination	20	P.B.	December, 17
5	Group Psychology	20	R.C.	Dec, 17- Jan, 18
6	Social Issues	10	G.L. P. B.	Sept., 17
Total no. of lectures		76		



Second Half

Sl. No.	Topic	Number of lectures	Teacher's Name	
1	Introduction	6	G.L.	August, 17
2	Personnel Selection And Evaluation	16	G.L.	September, 17
3	Work Motivation, job satisfaction and job involvement	20	A.M.	November, 17
4	Working Conditions and Organizational Culture	12	A.M.	November, 17
5	Training and Human Resource Development	6	P.B.	January, 18
6	Accident, safety and health	8	R.C.	January, 18
	Total no. of lectures	78		

*→ Rupsa/ Binati*

PAPER VI  
(Psychopathology, Health & Counselling Psychology)

First Half

Sl. No.	Topic	Number of Classes	Teacher's Name	
1	Concept of normality & abnormality, Approaches of abnormality	12	P.B.	Sept., 17
2	Methods of studying abnormal behaviour	8	P.B.	September, 17
3	Signs & symptoms of mental disorders	10	G.L.	November, 17
4	Clinical pictures & etiology of mental disorders:	12	R.C.	December, 17
	a. Anxiety Disorders	10	A.M.	January, 18
	b. Somatoform Disorders	16	A.M.	January, 18
	c. Mood Disorders	20	R.C.	January, 18
	d. Schizophrenia	12	P.B.	Dec, 17-Jan., 18
5	Substance related disorders (Drug & Alcohol)	3	G.L.	December, 17
6	Stress Disorders	103		
	Total no. of lectures			

*→ Rupsa/ Binati*

*→ Binati*



Sl. No.	Topic	Number of lectures	Teacher's Name	
1	Nature, Scope & Development of Health Psychology	6	G.L.	July-Aug.,17
2	Stress & Health	20	A.M.	September,17
3	Theories of Personality-- Freud, Eysenck, & Rogers R.C.	35	A.M. & R.C. → Binati	November,17
4	Concept of Adjustment	20	R.C.	November,17
5	Counselling	6	G.L.	November,17
6	Health promoting & health damaging life styles. Stress Management	20	A.M.	December,17
Total no. of lectures		107		

PAPER VII (PRACTICAL)

Sl. No.	General Problem	Number of lectures	Teacher's Name	
1	On Psychophysics-- DL determination using 2 methods	MINIMUM 4 CLASSES	R.C. ✓	Sept- Nov.,17
2	On Reaction Time (Discriminative & Choice)	MINIMUM 4 CLASSES	A.M.	November,17
3	On Hypothesis testing ( t-test & Chi-square test)	MINIMUM 4 CLASSES	R.C. ✓	December,17
4	On Correlation Processes	MINIMUM 4 CLASSES	R.C. ✓	November,17
5	On Intelligence (WAPIS)	MINIMUM 4 CLASSES	A.M.	November,17
6	On Intelligence (Koh's & Cube)	MINIMUM 4 CLASSES	A.M.	December,17
7	On Memory Functions	MINIMUM 4 CLASSES	P.B.	December,17
8	On Interest & Aptitude ( 2 problems)	MINIMUM 4 CLASSES	R.C.	Aug- Sept., 17

PAPER VIII (PRACTICAL)

Sl. No.	General problem	Number of lectures	Teacher's Name	
1	On Ethnic Prejudice	MINIMUM 4 CLASSES	R.C./P.B. ✓	July- Aug., 17
2	On Attitude	MINIMUM 4 CLASSES	P.B.	Sept- Nov.,17
3	On Problem Solving	MINIMUM 4 CLASSES	A.M.	January, 18
4	On Group Dynamics	MINIMUM 4 CLASSES	P.B./R.C.	August, 17
5	On Muscular Fatigue ( 4 problems)	MINIMUM 4 CLASSES	A.M.	Jan.-Feb.,18
6	On Personality (EPQ)	MINIMUM 4 CLASSES	R.C. → Binati	January,18
7	On Personality (KIEI)	MINIMUM 4 CLASSES	A.M.	August, 17
8	On Personality (STAI)	MINIMUM 4 CLASSES	A.M.	January,18

TENTATIVE EXAM SCHEDULE  
THIRD YEAR (HONS.): TEST EXAM. IN DEC.-JANUARY