

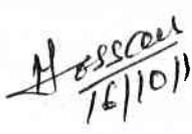
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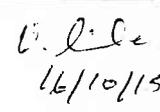
Under-Graduate Course in Psychology
Honours Courses & Subsidiary Courses
Deptt. of Psychology
Patna University
Patna

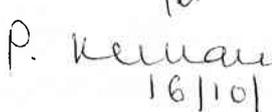
Part I (one year)	Papers	Marks
Honours Two papers	I General Psychology	100
	II Psychopathology	100
Subsidiary one paper	General Psychology	100
Part II (one year)		
Honours Two papers	III Neuropsychology & systems of Psychology	100
	IV Experiments & Testing	100
Subsidiary one paper	Abnormal Psychology & Social Psychology	100
Part III (one year)		
Honours Four papers	V Social Psychology & Industrial Psychology	100
	VI Clinical Psychology & Educational Psychology	100
	VII Research Methodology & Statistics	100
	VIII Field Study	100

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PSYCHOLOGY HONOURS COURSE

Psychology Honours Course would consist of papers as detailed below: -

B.A. HONOURS PART - I

- Paper I - General Psychology : 100 marks**
- Paper II - Psychopathology : 100 marks**

PAPER - I: GENERAL PSYCHOLOGY

(Five questions are to be answered out of ten)

- 1. Introduction and methods of psychology:** Definition and subject matter of psychology. Observation method, survey method, experimental method - advantages & disadvantages.
- 2. Physiological bases of human behavior:** Division of the Nervous System. Structure and function of brain and spinal cord. Methods of studying brain function. Endocrine glands.
- 3. Perception and attention:** Nature of perception, Gestalt theory of perception. Role of personal, social and cultural factors in perception. Depth perception. Selective attention nature and determinants.
- 4. Learning:** Nature, Reinforcement and Non-Reinforcement theories of learning - Pavlov, Thorndike, Skinner, Kohler and Tolman.
- 5. Memory:** Nature, Types of memory - Sensory memory, Short term memory and Long term memory. Forgetting curve. Determinants of forgetting. Theories of forgetting: Perseveration Consolidation Theory, Interference theory.

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6. **Motivation:** Nature of motivation. Types of motivation – Inborn and acquired.
7. **Emotion:** Nature of emotion, Internal and external changes in emotion. Role of nervous system in emotion. Theories of emotion – James Lange Theory, Cannon Bard Theory.
8. **Thinking and Problem Solving:** Nature and tools of thinking. Meaning and nature of problem solving. Steps in problem solving. Role of set in thinking. Meaning and types of concepts. Methods of concept learning.
9. **Intelligence:** Meaning, types and measurement of intelligence. Theories of intelligence – Spearman, Thurstone and Guilford. Emotional intelligence; artificial intelligence.
10. **Personality:** Concept of personality. Type and trait approach to personality. Theories of personality – Freud, Murray, Allport.

Books Recommended: -

1. Morgan, King, Schopler & Weiss : Introduction of Psychology
2. Baron : Psychology
3. Santrock : Psychology
4. डॉ. मुहम्मद सुलेमान : सामान्य मनोविज्ञान
5. डॉ. अरुण कुमार सिंह : आधुनिक सामान्य मनोविज्ञान

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PAPER – II: PSYCHOPATHOLOGY

(Five questions are to be answered out of ten)

1. **Different views about Abnormality:** Nature and criteria of abnormal behavior. A brief history of Psychopathology. DSM IV TR Classification.
2. **Causes of Abnormal behaviour:** Biological, psychological and socio-cultural factors. Mental Retardation, Definition, Clinical types and causes.
3. **Topographical and Dynamic aspects of Mind:** Defense mechanism, Psycho-sexual development.
4. **Dream:** Types of dream, theories of dream – Freud, Adler and Jung.
5. **Anxiety Disorders:** Nature; Phobia and Obsessive Compulsive disorder – Clinical picture and causes.
6. **Somatoform Disorders:** Meaning; Hypochondriasis, Conversion disorders – clinical picture and causes.
7. **Paranoia and Mood disorders:** Clinical picture and causes.
8. **Schizophrenia:** Meaning, types of Schizophrenia. Cause and treatment
9. **Personality disorders:** Meaning, nature types and Causes.
10. **Psychotherapy:** Meaning, goals of Psychotherapy. Types of Psychoanalytic therapy, behaviour therapy, Non-directive therapy

Books Recommended: -

- | | | |
|-------------------------|---|------------------------------------|
| 6. Sarason | : | Abnormal Psychology |
| 7. Coleman | : | Abnormal Psychology & Modern Life. |
| 8. Carson and Butcher | : | Abnormal Psychology |
| 9. डॉ. मुहम्मद सुलेमान | : | आधुनिक असामान्य मनोविज्ञान |
| 10. डॉ. अरुण कुमार सिंह | : | असामान्य मनोविज्ञान |

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PSYCHOLOGY AS A SUBSIDIARY PAPER

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B.A. Part I Examination

Paper I : General Psychology : 100 Marks, Time 3 Hours

Five Questions to be answered out of ten.

1. Subject Matter and Methods—Introspection, Field Observation, Participant and non-Participant and experimental Method, Merits and Demerits.
2. Nervous System—Structure and Functions of the brain, Autonomic Nervous system
Perception—Characteristics and Process, Gestalt Laws of perceptual organization.
4. Learning—Nature, Learning curves, Theories of Trial and Error, Insight and Classical conditioning.
5. Memory—Nature of remembering; Nature of forgetting; forgetting curve; Causes of forgetting.
6. Thinking; Nature and Process, Thinking and Imagination, Creative Thinking.
7. Emotion—Nature, Types, Bodily changes, James-Lange.
8. Motivation—Nature, Kinds of Motives.
9. Intelligence—Nature, Measurement of Intelligence, Concept of Emotional Intelligence.
10. Personality—Nature, Types, Traits, Determinants—Biological and Social.

Books Recommended :

1. अश्विनी कुमार सिंह — सामान्य मनोविज्ञान
2. Prashant, I — Prarambhik Manovigyan
3. S. M. Mohsian — Elementary Psychology
5. M. B. Ghorepade — Essential of Psychology

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B.A. HONOURS PART - II

Paper III - Neuropsychology & Systems of Psychology: 100 marks

Paper IV - Experiments and Testing : 100 marks

PAPER - III: NEUROPSYCHOLOGY & SYSTEMS OF PSYCHOLOGY

(Five questions are to be answered taking not more than three from any group)

GROUP - A: NEUROPSYCHOLOGY (50 Marks)

1. **Introduction:** Meaning and nature of neuropsychology. Historical development; Relationship between Physiological psychology and neuropsychology.
2. **Neurons:** Structure and function of neuron. Electrical activities of neurons. Active potential, concept of graded potential. Neurotransmitter and Neuromodulator.
3. **Nervous System:** Major divisions of the Nervous system. The Brain stem and survival - Medulla Pons and Reticular activating system. Neuropsychology of emotion and motivation: Hypothalamus and Limbic System.
4. **Endocrine System:** - Type of Endocrine Glands; Classification of Hormones. Impct of Hormones upon behavior.
5. **Brain Specialization:** Brain hemisphere dominance; split brain studies.

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GROUP - B: SYSTEMS OF PSYCHOLOGY (50 Marks)

1. **Structuralism and Functionalism**
2. **Behaviourism:** Watsonian and Post-Watsonian
3. **Gestalt Psychology:** Phi Phenomenon: Form perception, Laws of organization; contributions in the areas of learning and thinking.
4. **Psycho-analytic School:** Freud, Jung and Adler
5. **Neo-Freudians:** Karren Horney, Fromm and Sullivan.
6. **Humanistic Psychology:** Maslow and Rogers.

Books Recommended: -

- 1.
2. N.R. Carlson : Foundation of Psychological Psychology
3. Milner : Psychological Psychology
4. डॉ. अरुण कुमार सिंह : न्यूरोविज्ञान के मूलतत्व
5. Schultz : History of Modern Psychology
6. Wolman : Contemporary Theories and Systems in Psychology
7. Marx and Hillix : System & Theories in Psychology
8. Woodworth & Sheehan : Contemporary Schools of Psychology
9. Arun Kumar Singh : The Comprehensive History of Psychology
10. डॉ. अरुण कुमार सिंह : मनोविज्ञान के सम्प्रदाय एवं इतिहास

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PAPER – IV: Experiments and Testing

100 Marks, Time: 40 Hours

Group – A: Experiments (50 Marks)

(Two experiments to be conducted out of one Set of the examination)

1. **Verbal Learning:** Methods of free recall; Serial learning, prompting and anticipation, paired associates
2. **Sensory Motor Learning:** Positive transfer and habit interference.
3. **Measurement of Muller Lyer illusion by the method of average errors**
4. **Reaction Time:** Simple – Sensorial and muscular; choice and discrimination.
5. **Aeshesiometric Index by the method of limits.**
6. **D.L. and verification of Weber's law by the method of Constant stimuli difference for lifted weights.**

Group – B: Testing (30Marks)

(One test to be administered out of two sets at the examination)

1. **Intelligence Test:** Verbal – Mohsin's Bihar Test of General Intelligence. Non-verbal – Alexander's Battery of Performance test, Emotional Intelligence Test.

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2. Personality Inventory:

- Eysenck's Personality Inventory (EPI)
- Mohsin-Shamshad Adjustment Inventory
- Tiwari Achievement Motive Scale (TAMS)

Note Book for Experiment – 10 Marks

Note Book for Testing – 10 Marks

- Students have to conduct the above experiment and prepare a report in the note book to be submitted before the examination.
- Students have to administer the above psychological tests and prepare a report in the note book to be submitted before the examination.

Books Recommended: -

- S.M. Mohsin : Experiments in Psychology
- Underwood : Experiments in Psychology
- Postman and Egan : Experimental Psychology
- Meena Kishore : Experiments in Psychology:
A Theoretical Perspective
- डॉ. अरुण कुमार सिंह : उच्चतर मनोवैज्ञानिक प्रयोग एवं परीक्षण

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PSYCHOLOGY AS A SUBSIDIARY PAPER

B.A. Part II Examination shall carry 100 marks, split up into two sub papers, one Theory for 50 marks and one practical for 50 marks.

The Theory examination shall be held for 2 hours and the practical examination for 4 hours.

Paper II

Time : 03 Hrs.

F.M. : 100 Marks

Three questions to be answered at least two from each Group.

Group-A : Abnormal Psychology

1. Distinction between normal and abnormal. Different models of abnormality.
2. Unconscious—Nature and Proofs; Id Ego and Super-ego.
3. Defence Mechanism—Repression, Sublimation, Projection, Rationalization and Reaction Formation.
4. Dreams-Mechanism and Wish—Fulfilment Theory of Dreams.
5. Hysteria, Obsessive-Compulsive Disorder—Etiology and Symptoms; Schizophrenia—Types, Symptoms and Causes.
6. Psychotherapy—Meaning goal; Freudian & Rogerian Psychotherapy.

Books Recommended

1. J.D. Page – Abnormal Psychology
2. R.K.P. Sinha – B.K. – Asamany Monovigyan
3. Nagina – Asamanya Manovigya
4. T.E. Shanmugam – Abnormal Psychology

Group-B : Social Psychology

1. Introduction—Subject matter & Scope of Social Psychology
2. Attitude—Meaning & formation of attitude; change of attitude
3. Groups—Kinds of Groups, Formation & function of group.
4. Rumour—Sources of Rumour, Its reduction
5. Public Opinion—Meaning & formation of public opinion, Role of media.

Books Recommended

1. Md. Sulaiman – Samaj Manovigyan
2. Kretch, Crutchfield & Ballachy – Individual in Society.

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B.A. HONOURS PART - III

Paper V – Social Psychology and Industrial Psychology: 100 Marks

Paper VI – Clinical Psychology & Educational Psychology: 100 Marks

Paper VII – Research Methodology and Statistics: 100 Marks

Paper VIII – Field Study: 100 Marks

PAPER – V: Social Psychology & Industrial Psychology

(There shall be five questions from Group A and five questions from Group B. The examinee would answer five questions selecting at least three from any one group)

Group – A: Social Psychology

- 1. **Introduction:** Subject matter and scope; relation of social psychology with sociology and anthropology
- 2. **Attitude and Prejudice:** Meaning and formation of Attitudes, change of attitude, methods of attitude measurement; Likert and Thurstone Scale; Meaning of Prejudice, origin of prejudice, psychological determinants of prejudice. Reduction of prejudice.
- 3. **Groups:** Kinds of groups, formation and function of groups. Leadership – Nature and emergence of leadership; types and functions of a leader.
- 4. **Public Opinion:** Meaning and formation of public opinion. Media and Role of public opinion in democracy.
- 5. **Social Tension:** Kinds – Caste, communal and regional Causes and reduction of social tension in India.

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Group - B: Industrial Psychology/Organizational Psychology

1. **Introduction:** Scope and importance of Industrial Psychology, meaning of Organizational Psychology, relation between Industrial Psychology and Organizational Psychology. Concept of organizational development and concept of Organizational culture.
2. **Physical Environment:** Impact of illumination, temperature, humidity, ventilation and noise upon work.
3. **Fatigue and Monotony:** Nature, difference between fatigue and monotony, causes of fatigue and monotony. Methods of reducing fatigue and monotony in industry.
4. **Scientific Management & Performance Appraisal:** Principles of Scientific Management, Contributions of Taylor and Gilbreth. Meaning of performance appraisal. Technique and purpose of performance appraisal.
5. **Accidents:** Concept of accident proneness and prevention of accidents.

Books Recommended: -

- | | | |
|----------------------------------|---|---|
| 1. Baron & Byrive | : | Social Psychology |
| 2. Krech, Crutchfield & Ballachy | : | Individual in Society |
| 3. Smith | : | An Introduction to
Industrial Psychology |
| 4. Maiers | : | Psychology in Industry |
| 5. Tiffin & Mc Cormick | : | Industrial Psychology |
| 6. Girish Bala | : | Industrial Psychology |
| 7. डॉ. अरुण कुमार सिंह | : | समाज मनोविज्ञान की रूपरेखा |
| 8. डॉ. अरुण कुमार सिंह | : | औद्योगिक एव संगठनात्मक मनोविज्ञान |
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PAPER – VI: CLINICAL PSYCHOLOGY & EDUCATIONAL PSYCHOLOGY

GROUP – A: CLINICAL PSYCHOLOGY

1. **Nature of Clinical Psychology:** A brief historical review, Distinction between clinical and abnormal psychology.
2. **Clinical Problems:** Psychosomatic problems, Psychopathic problems. Clinical picture, genesis and remedial measures.
3. **Diagnosis:** Function of diagnosis, diagnostic case studies, Diagnostic interview. Over view of uses of psychological tests for clinical purposes.
4. **Diagnostic Tools:** Intelligence and personality tests and their diagnostic values.
5. **Psychotherapeutic Techniques:** Psychoanalytic Technique, Behavior Therapy, Group Therapy, Non-Directive Therapy and Psychodrama.
6. **Role of Clinical Psychologists In Different Fields:** Mental hospital, Child guidance clinic, School and Industry.

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GROUP - B: EDUCATIONAL PSYCHOLOGY

1. **Subject Matter & Significance of Educational Psychology:** Methods-Rating and Ranking; Case study and Interview.
2. **Measurement of Intelligence, Aptitude and Achievement.**
3. **Learning:** Formal and non-formal, role of motivation in learning, Incentives.
4. **Examination:** Essay types and Objective types
5. **Education of Special types of Children:** Physically challenged, dull, backward and gifted.
6. **Educational Guidance and Counselling:** Meaning, use and methods.

Books Recommended: -

- | | |
|--------------------------|--|
| 1. Shaffer and Lazarus : | Fundamental concept in Clinical Psychology |
| 2. Korchin : | Clinical Psychology |
| 3. डॉ. मुहम्मद सुलेमान : | नैदानिक मनोविज्ञान |
| 4. डॉ. अरूण कुमार सिंह : | उच्चतर नैदानिक मनोविज्ञान |
| 5. Woolfolk, | Fundamental of Educational Psychology |
| 6. Sorenson : | Psychology of Education |
| 7. Santrock : | Educational Psychology |
| 8. डॉ. मुहम्मद सुलेमान : | शिक्षा मनोविज्ञान |
| 9. डॉ. अरूण कुमार सिंह : | शिक्षा मनोविज्ञान |
| 10. के.के. जुमआर : | शिक्षा मनोविज्ञान |

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PAPER – VIII: Research Methods and Statistics – 100 Marks**GROUP – A: RESEARCH METHODS**

- 1. Nature of Psychological Research:** Characteristics of Scientific Research, Meaning and Types of Variables
- 2. Stages of Psychological Research:** Research problems and source. Hypothesis – Nature, types and sources of hypothesis. Criteria of a good hypothesis.
- 3. Sampling:** Meaning and types; Random, Purposive, Stratified and incidental sampling technique.
- 4. Techniques of Data Collection:** Interview, Questionnaires, Tests and Scales.
- 5. Types of Research:** Experimental and Non-Experimental research. Experimental Research – Laboratory Experiment and Field Experiment. Non-Experimental Research – Field Studies, correlational Research, Survey Research.

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GROUP - B: STATISTICS

1. **Discrete & continuous data:** Frequency distribution of scores; graphic representation – frequency polygon, Histogram, Ogive.
 2. **Measures of Central Tendency and Variability:** Mean Median and Mode, Range, QD, AD, SD and Percentile Rank.
 3. **Normal Probability Curve:** Characteristics and applications. Definition of Skewness and Kurtosis.
 4. **Reliability of Statistics and Significance of difference between means:** Independent, Correlated and matched groups
 5. **Correlation:** Product moment and Rank Difference methods.
- N.B.:** - Non-programmable calculators are allowed in the examination hall. Statistical tables would be supplied by the department.

Books Recommended: -

1. Goode and Hatt : Methods of social Research
2. S.M. Mohsin : Research Methods in Behavioural Science
3. Dr. Arun Kumar Singh: Tests, Measurements and Research Methods for Behavioural Science
4. डॉ. अरुण कुमार सिंह : मनोविज्ञान, समाजशास्त्र तथा शिक्षा में शोध विधियाँ
5. डॉ. मुहम्मद सुलेमान : शोध मनोविज्ञान
6. डॉ. अरुण कुमार सिंह : मनोविज्ञान, समाजशास्त्र तथा शिक्षा में सांख्यिकी
7. डॉ. मुहम्मद सुलेमान : मनोविज्ञान सांख्यिकी
8. Garrett : Statistics in Psychology and Education
9. S.M. Mohsin : Elementary Statistics
10. Shamshad Hussain : Manovigyan aur Shiksha Main Prarambhik Sankhyiki

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PAPER - VIII: FIELD STUDY AND FIELD TOURS - 100 MARKS

Each candidate will be required to conduct a field study in any of the following areas; social, educational, clinical, industrial/organizational issues and present a report to the Department.

Project report format should be as follows: -

Chapter - I : Introduction

- Statement of Problem (Research Objective)
- Review of Literature
- Research questions and hypothesis.

Chapter - II : Research Method

- Sampling
- Tools
- Data Collection Procedure

Chapter - IV : Results and Discussion

Chapter - V : Conclusion

References

Appendices

Marking will be done on the basis of research report presented by the candidate and performance in the viva-voce examination, to be conducted by 2 experts (internal and external).

Field Tour: - The department may conduct a field tour for the students to places/organizations/institutions significantly related to any field of psychology, which will be funded by the concerned college.

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