

**M.A. (Previous) Examination, 2015**  
**FACULTY OF ARTS, EDUCATION &**  
**SOCIAL SCIENCES**  
**MASTER OF ARTS**

**General Information for Students**

The examination for the degree of Master of Arts, Education and Social Sciences shall consist of two parts : (i) The Previous Examination and (ii) The Final Examination.

The examination will be through theory papers/ practicals/viva. Pass marks for the previous and final examinations are 36% of the aggregate marks in all the theory papers/viva/practicals and not less than 25% marks in the individual theory paper/viva/practicals. A candidate is required to pass in the written and the practical/viva examinations separately.

Successful candidates will be placed in the following divisions on the basis of the total marks obtained in previous and final examinations taken together.

First division 60%, Second division 48%, Third division 36%

No student will be permitted to register himself simultaneously for more than one post-graduate course.

**ATTENDANCE**

For all regular candidates in the faculties of Arts, Education and Social Sciences, Science, Law, Commerce and Engineering, the minimum attendance requirement shall be that a candidate should have attended

at least 75% of the lectures delivered and tutorials held together as well as 75% of practicals and sessionals from the date of his/her admission.

**Condonation of shortage of attendance :**

The shortage of attendance upto the limits specified below may be condoned on valid reasons :

Upto 60% in each subject plus 5 attendance in all the aggregate of subject/papers may be condoned by the Vice-Chancellor on the recommendation of the Dean/Director/Principal for under-graduate students and on the recommendation of the Head of the Department for the post-graduate classes.

(ii) The N. C. C. / N.S.S. Cadets sent out to parades and camps and such students who are deputed by the University to take part in games, athletic or cultural activities may for purpose of attendance, be treated as present for the days of their absence in connection with the aforesaid activities and that period shall be added to their subject wise attendance.

Note:

1. The attendance for supplementary students will be counted from the date of their admission.
2. In the Faculty of Engineering the attendance requirement will apply to each semester.

However, in case of practicals where examination is not held at the end of the first semester but at the end of the second semester, attendance will be counted at the end of the second semester taking into account attendance put in both the semesters (i. e., first and second) taken together.

## **MEDIUM**

Candidates are not allowed to use any medium except Hindi or English for answering question papers.

For answering papers in the subjects of English/Hindi, the medium will be corresponding language only.

For answering question papers in the subject of Sanskrit, the candidates are allowed to use Sanskrit. Hindi or English unless specified otherwise.

## **EXAMINATION AND TEACHING SCHEME**

	<b>Periods</b>	<b>Per week</b>	<b>Exam.</b>	<b>Max.</b>	<b>Practical</b>
	<b>T</b>	<b>P</b>	<b>Hours</b>	<b>Marks</b>	<b>Marks</b>
M.A. (Previous) Psychology					
1	6	-	3	75	-
2	6	4	3	75	100
3	6	4	3	75	50
4	6	4	3	75	50
M.A. (Final) Psychology					
1	6	-	3	75	30
2	6	4	3	75	30
3	6	4	3	75	30
4	6	4	3	75	30
5	Dissertation	-	-	-	60
6	Professional Training Tour	-	-	20	20

## **M. A. Psychology Examination**

The course requirements for the degree of Master in Psychology has been designed with three aims in view to : provide comprehensive training with research orientation in the details of modern Psychology, to make the students acquire specialized knowledge of any one of the various areas in Psychology and to make the students adequately equipped for research or/and practice of Psychology as a profession in their field of specialization after the completion of the Master's degree requirements

The students shall have to pass in the theory and practical papers separately securing at least 36% marks in each.

The distribution of theory papers and practicals for M. A. Previous and M. A. Final examinations is as follows :

In the M.A. Previous there shall be 4 compulsory theory papers each of 75 marks (4x75 = 300) and three papers on practicals in Experimental Psychology (Paper II, Practical of 100 marks), Research Methodology and Advanced Psychological Statistics (Paper III, Practical of 50 marks) and Advanced Behaviour Pathology (Paper IV, Practical of 50 marks) as spelled out below:

Paper I: Systems and Theories of Psychology

Paper II : Experimental Psychology

Paper III : Research Methodology and Psychological Statistics

Paper IV : Behaviour Pathology

Paper V : Practical in Papers II, III and IV

Each paper consist of 5 units.

The Paper has 3 Parts:

Part A- Marks : 10 The candidate has to answer all 10 questions (Answer in 20 words)

Part B- Marks : 35 The candidate has to answer any 5 questions selecting one from each unit. (Answer in 250 words)

Part C- Marks : 30 The candidate has to answer any 3 questions (Answer in 500 words)

**M. A. (Previous) Examination 2015**  
**PAPER I**  
**SYSTEMS AND THEORIES OF PSYCHOLOGY**

**Max. Marks : 75**

**Min. Pass Marks : 27**

Unit 1: The Great Beginning: Psychophysical Parallelism and Introspectionism. The Impact of Physiology; Scientific Psychology Wundt and Titchener; The Challenge of Introspectionism William James and John Dewey.

Unit 2: Behaviourism and Neo-Behaviourism: Thorndike; Pavlov; Watson; Lashley; and Hebb, Guthrie; Hull; Skinner; Tolman; Miller and Dollard.

Unit 3: Hormic & Holistic Psychology: Hormic Psychology McDougall; Holistic System Goldstein; Organismic Psychology Kantor.

Unit 4 : Psycho-analysis and Related System: Freud-Methodology and Postulates; Theory of Instincts and Personality; Individual Psychology Adler; Analytic Psychology Jung; Away from Freud Homer; Fromm, Sullivan.

Unit 5 : Personality, Gestalt and Field Theories: Spranger; Stern and Allport Gestalt Perception, Learning and Thinking; Field Theory Lewin's Concepts and Theory of Behaviour, Group Dynamics

**BOOKS RECOMMENDED**

Wolman: Contemporary Theories and Systems in Psychology, Harper and Row, New York, 1979

- Hilgard and Bower: Theories of Learning, Prentice Hall of India, 4th Ed., New Delhi, 1977
- Shahakin, W S.: Psychology of Learning, Markhan Publishing Co., Chicago, 1970
- Marx and Hillix: Systems and Theories in Psychology, Tata McGraw Hill, New Delhi, 2nd Ed., 1979
- Chaplin and Krewice : Systems and Theories in Psychology, Rinehart and Winston, 3rd. Ed., Holt, 1974
- Woodworm and Sheehan: Contemporary Schools of Psychology, Ronald Press, 3rd Ed\* New York, 1974
- Helson: Approaches in Contemporary Psychology, Affiliated East West Press, New Delhi, 1964
- Schultz, R. W.: History of Modern Psychology, Academic Press, 3rd Ed., New York, 1983
- Singh, A.K.: History and Systems in Psychology New Delhi. Motilal Banarsidas, 2010.

प्रश्न—पत्र प्रथम

मनोविज्ञान के सम्प्रदाय एवं सिद्धान्त

अधिकतम अंक : 75

न्यूनतम उत्तीर्ण अंक : 27

इकाई 1 : महान प्रारम्भ

मनोभौतिकीय समान्तरवाद एवं अन्तर्दर्शनवाद: शरीर क्रिया विज्ञान का प्रभाव: वैज्ञानिक मनोविज्ञान : वुन्ट एवं टिचनर: अन्तर्दर्शनवाद को चुनौतियाँ: जैम्स एवं डेवी।

इकाई 2 : व्यवहारवाद एवं नव्य व्यवहारवाद: थार्नडाइक , पावलाव,वाटसन, लैप्ली,हेब ,गथरी , हल ,स्किनर ,टॉलमेन, डोलार्ड एवं मिलर

इकाई 3 : हार्मिक एवं समग्रवादी मनोविज्ञान मेकडुगाल, गोल्डस्टीन , केन्टर , अवयववादी मनोविज्ञान

इकाई 4 : मनोविश्लेषण एवं संबंधित सम्प्रदाय फ्रायड: रीति विधान एवं अभिगृहित : मूलप्रवृत्ति सिद्धान्त एवं व्यक्तित्व : वैयक्तिक मनोविज्ञान –एडलर: विश्लेषणात्मक मनोविज्ञान –जुंग: फ्रायडेतर मनोविज्ञानी हार्नी , फ्रॉम एवं सुल्लीवान ।

इकाई 5 : व्यक्तित्व , गेस्टाल्टवाद एवं क्षेत्र सिद्धान्त स्पेन्गर, स्टर्न एवं ऑलपोर्ट: गेस्टाल्टवाद: प्रत्यक्षीकरण , अधिगम एवं चिन्तन: क्षेत्र सिद्धान्त: लेविन सम्प्रत्यय एवं व्यवहार सिद्धान्त समूह गतिकी संदर्भ ग्रन्थ:

सिंह ए.के : मनोविज्ञान के सम्प्रदाय एवं इतिहास नई दिल्ली : मोतीलाल बनारसीदास, 2012

शर्मा के.एन: मनोवैज्ञानिक विचारधाराएं , आगरा: विनोद पुस्तक मंदिर 2008

## **PAPER II**

### **EXPERIMENTAL PSYCHOLOGY**

**Max. Marks : 75**

**Min. Pass Marks : 27**

Unit 1 : Psychophysics :

Problem, theoretical status; Basic Psychophysics: Concept and assumptions; Classical Psychophysical Methods.

Method of Limits and Constant Stimuli; The theory of signal detection

Unit 2 : Perception :

Perceptual Constancy: Lightness and size; The stability instability paradox; The perception of form: Contour development, Principles of organization; geometrical illusions; cognitive and motivational influences

Unit 3 : Learning and Motivation :

Learning : Basic principles of Pavlovian and instrumental conditioning. Reinforcement and Learning; Extinction; Discrimination learning; theories, reversal and non-reversal shifts. Motivation: Concept, criteria of motivational variables; Achievement motivation, motivation and cognition

Unit 4 : Concept learning : Concept, procedures and rule learning  
Theories : Hypothesis and cue selection and information processing theory

Verbal learning: Materials and procedures, Strategies :  
Incidental learning, Organization in learning-Subjective organization, natural-language mediation, and imagery.

Unit 5 : Memory :

Theories of forgetting: Disuse, consolidation, interference and stimulus encoding.

Sensory memory: Iconic and echoic; Short-term memory; Evidences of dual process, levels of processing, mechanisms of forgetting.



Semantic memory : Semantic structure; Teachable language comprehender and ACT; Construction and reconstruction in memory.

### **BOOKS RECOMMENDED**

Dember, W.N. and Warm, J.S. : Psychology of Perception (2nd Ed.)  
Holt, Rinehart and Winston, New York, 1979

Hulse, S.H., Egeth, H. and Deese, J. : The Psychology of Learning (5th Ed.), McGraw Hill company, New York, 1980 (Hindi) Tata McGraw Hill, New Delhi

Brody, N. : Human Motivation, Acedemic Press, New York 1983

Howard, D.V. : Cognitive Psychology : Memory, Language and Thought, Macmillan Publishing Company, Inc., New York, 1983

प्रश्न—पत्र द्वितीय

प्रयोगात्मक मनोविज्ञान

अधिकतम अंक : 75

न्यूनतम उत्तीर्ण अंक : 27

इकाई 1 : मनोभौतिकी

समस्याएँ , सैद्धान्तिक पहलू, आधारभूत मनोभैतिकी: सम्प्रत्यय एवं अवधारणाएँ, प्राचीन मनोभौतिकीय विधियाँ: सीमा विधि एवं स्थिर उद्दीपक विधि: संकेत संज्ञापन सिद्धान्त

इकाई 2: प्रत्यक्षीकरण

प्रात्यक्षिक स्थैर्य: प्रकाषत्य एवं आकार स्थैर्य: स्थिरता—अस्थिरता विराधाभास: आकृति प्रत्यक्षीकरण —परिरेखा विकास, प्रात्यक्षिक

संगठन के नियम : ज्यामितीय भ्रम: संज्ञानात्मक एवं अभिप्रेरणात्मक प्रभाव

इकाई 3 : अधिगम एवं अभिप्रेरण

अधिगम: पावलोवियन एवं नैमित्तिक अनुबंधन के आधारभूत नियम, पुनर्बलन एवं अधिगम: विलोप: विभेदन अधिगम: सिद्धान्त उत्क्रमण एवं अनुत्क्रमण अन्तरण: अभिप्रेरण: सम्प्रत्यय , अभिप्रेरणात्मक परिवर्त्यों की कसौटियां: उपलब्धि अभिप्रेरण, अभिप्रेरण एवं संज्ञान

इकाई 4 : सम्प्रत्यय अधिगम एवं वाचिक अधिगम: सम्प्रत्यय अधिगम: सम्प्रत्यय, प्रविधियां एवं नियम अधिगम: सिद्धान्त , प्राक्कल्पना एवं संकेत चयन : सूचना प्रक्रिया सिद्धान्त वाचिक अधिगम: प्रायोगिक सामग्री एवं प्रक्रियाएं प्रयोजनाएं, संयोगात्मक अधिगम: अधिगम में संगठन : आत्यनिष्ठ संगठन, प्राकृतिक –भाषिक मध्यस्थता एवं प्रतिमावली

इकाई 5 : स्मृति

विस्मरण के सिद्धान्त : अनुपयोग समाकलन, व्यक्तिकरण एवं उद्दीपक कूट संकेतन सांवेदक स्मृति: प्रतिचित्रात्मक एवं प्रतिध्वन्यात्मक: अल्पकालिक स्मृति: द्वैत प्रक्रिया के प्रमाण, प्रक्रियान्वत के स्तर , विस्मरण के क्रियातंत्र शब्दार्थ विषयक स्मृति, शिक्षणीय भाषा, परिज्ञान बोधक एवं ए.सी.टी.:स्मृति में रचनात्मकता एवं पुनर्रचनात्मकता

संदर्भ ग्रन्थ:

त्रिपाठी ला.ब. : आधुनिक प्रायोगिक मनोविज्ञान आगरा: एच.पी. भार्गव  
2012

सिंह अंकु: संज्ञानात्मक मनोविज्ञान , नई दिल्ली : मोतीलाल  
बनारसीदास 2010

**PAPER III**  
**RESEARCH METHODOLOGY AND**  
**PSYCHOLOGICAL STATISTICS**

**Max. Marks : 75**

**Min. Pass Marks :27**

Unit 1 : Descriptive Statistics :

Nature and purpose of Psychological Research, Variables, problem and hypothesis; Probability, Binomial distribution; Normal Curve : Properties and applications.

Unit 2: Measures of Associations and Non-parametric statistics correlations : Product-moment correlation assumptions and interpretation; Linear regressions; Equaltions, and prediction Non-parametric tests : Spearman's 'Rho' kandall's Tau, kandall's Coefficients of concordance, Sign-rank test, median test, Mann-whiteny U test, Kruskel-Wallis H test, Friedman test, Chi-square test.

Unit 3 : Inferential Statistics :

Sampling; Testing of statistical hypothesis; Levels of significance and types of errors; Parametric tests : T test and A test; One-way and Two-way Analysis of Variance Multiple Range text.

Unit 4 : Research Methods :

Types of Research: Correlational, experimental, field experiment, field study, survey Methods Techniques of Research : Observation, Interview, Schedule, Questionnaire, Tests & Scales; Research format and Report writing.

Unit 5 : Design of Research :

Research design: Meaning, purpose and principles, Pre-experimental, Quasi-experimental and Experimental designs Randomized groups design, Matched groups design, and Randomized block designs. Design for repeated measures, single subject design, Factorial designs.

#### **BOOKS RECOMMENDED**

Kerlinger: Foundations of Behavioral Research, Surjeet Publication, Delhi, 1983

D'Amato: Experimental Psychology, Tata McGraw Hill, New Delhi, 1980

McGuigan: Experimental Psychology : Methods of Research, Prentice-Hall of India, New Delhi, 1990

Nachmias and Nachmis : Research Methods in Social Sciences, St. Martin's Press, New York, 1981

Garrett: Statistics in Psychology and Education, Vakils, Ferrers and Simons, Bombay, 1986

Guilford: Fundamental Statistics in Psychology and Education, McGraw Hill International Ed., Tokyo, 1986

Ferguson: Statistical Analysis in Psychology and Education, McGraw Hill International Edition, Tokyo, 1989

## प्रश्न-पत्र तृतीय

शोध रीतिविधान एवं मनोवैज्ञानिक सांख्यिकी

अधिकतम अंक : 75

न्यूनतम उत्तीर्ण अंक : 27

इकाई 1: वर्णनात्मक सांख्यिकी एवं अनुसंधान परिचय मनोवैज्ञानिक अनुसंधान का स्वरूप एवं प्रयोजन, समस्या एवं परिकल्पना, परिवर्त्यः प्रसम्भाव्यता , बाइनोमियल वितरण प्रसामान्य वक्रः विशेषताएं एवं उपयोग

इकाई 2 : सहसंबंध के मापक एवं अप्राचलिक विधियां: सहसंबंधः प्रोडक्ट मोमेन्ट सहसंबंधः अवधारणाएं एवं विवेचनः रेखिक प्रतिगमनः समीकरण एवं पूर्वानुमानः अप्राचलिक सांख्यिकीय विधियाः 'स्पीयरमेन रो' केन्डाल 'टाउ' केन्डाल 'डब्ल्यू: विल्कॉक्सन चिन्ह कोटिक्रम परीक्षण, मीडियन परीक्षण मान-व्हिटीन 'यू', क्लस्कल-वालिस 'एच' , फ्रीडमेन परीक्षण, कार्ई-वर्ग परीक्षण

इकाई 3: अनुमानात्मक सांख्यिकी प्रतिचयन विधियां , सांख्यिकीय परिकल्पनाओं की जांच , सार्थकता स्तर त्रुटियों के प्रकारः प्राचलिक विधियां: 'टी' परीक्षण, सेन्डलर 'ए' परीक्षणः प्रसरण विप्लेषणः एकल एवं द्विसूत्रीय डन्कन बहु-विस्तार परीक्षण

इकाई 4 : अनुसंधान विधियां अनुसंधान के प्रकारः सहबंधात्मक एवं प्रयोगात्मकः प्रयोगशाला प्रयोग, क्षेत्र प्रयोग, क्षेत्र अध्ययन , सर्वेक्षण अनुसंधान , अनुसंधान तकनीकः प्रेक्षण, साक्षात्कार, अनुसूची , प्रज्ञावली , परीक्षण एवं मापनी , अनुसंधान प्रारूप एवं प्रतिवेदन लेखन

इकाई 5: अनुसंधान अभिकल्प

अनुसंधान अभिकल्प : अर्थ , प्रयोजन एवं नियम: पूर्व प्रायोगिक, अर्द्ध-प्रायोगिक एवं प्रायोगिक अभिकल्प: यादृच्छीकृत समूह अभिकल्प एवं खण्ड समेलित समूह अभिकल्प, पुनरावृत मापक अभिकल्प: एकल प्रयोज्य अभिकल्प: कारकीय अभिकल्प

संदर्भ ग्रन्थ:

त्रिपाठी, ला.बं: मनोवैज्ञानिक अनुसंधान पद्धति आगरा: एच.पी.भार्गव पब्लिषर्स, 2003

कपिल, एच.के: अनुसंधान विधियां आगरा: एच.पी. भार्गव पब्लिषर्स, 2010

कपिल,एच.के.:सांख्यिकी के मूलतत्व आगरा: विनोद पुस्तक मंदिर, 2008

त्रिपाठी, रघुवंश: अप्राचलिक सांख्यिकी आगरा: हरप्रसाद भार्गव प्रकाषक, 2000

## **PAPER IV BEHAVIOR PATHOLOGY**

**Max. Marks : 75**

**Min. Pass Marks :27**

Unit 1 : Introduction and Psychoanalytic Approach : Introduction :  
The field of Behaviour pathology : Biosocial view of Behaviour Pathology, problems of Behaviour Pathology; Susceptibility as an acquired reaction; Behaviour Deplicity and Behaviour pathology; Methods of studying Behaviour Pathology; Longitudinal and Cross studying approaches.

Psychoanalytic approach to the understanding of Pathological Behaviour.

Unit 2 : Behaviour Organization; Learning and Behaviour Pathology, Learning Social Situation, Learning and Temporal sequence of Behaviour. Selective Learning. Learning and Tension Reduction, Incidental and Self-inaccessible learning; Learning as a rapid Reorganization of Behaviour, Symbolization. Role Taking and Emotional Reactions, Language Behaviour. Socially organized Reactions, Language Behaviour. Socially organized thinking; Social Role taking Emotional Reactions

Maturation and Fixation : Biological, Biosocial Maturation; Maturation of Affectional Relationship; Fixation and Biosocial Maturation, Conditions favouring fixation

Unit 3: Biosocial Immaturity : Behaviour Pathology in Biosocial maturity I : Developmental Retardation; Behaviour Characteristics of Developmental retardation, Biosocial Nature of Developmental Retardation, Affectional Relationship Emancipation; Determinants and social problem Behaviour Pathology in Bisocial Immaturity II:social Deviation, Behaviour Characteristics of social deviation varieties of inadequate and inept social deviants ; Bisocial development of social deviation.

Unit 4: Stress and Adjustment Disorders; Stress and Stressor; Coping Strategies; Posttraumatic Stress Disorder : Reactions to Severe life Stressors; Prevention of Stress Disorders; Unresolved Issues on the policed Posttraumatic Stress Disorder

Conflict : Development of concept in pathology, Definition and relation with Behaviour Pathology

Anxiety in Normal Behaviour : Behaviour characteristics of conditions favouring development, Individual Differences in Anxiety-Readiness, Behavioural Consequences Anxiety in Behaviour Pathology : Anxiety Disorders, Depressive Disorders and Manic Disorders

Unit 5 : Therapy : General introduction of Therapy; Principles of Learning in Therapy : Behaviour Therapy Psychoanalytical Therapy and Cognitive Behavioural Therapy

### **BOOKS RECOMMENDED**

Cameron and Megaret; Behaviour Pathology, Houghton Meffin Co., Boston, 1951

Hunt: Personality and Behaviour Disorders, Ronald Press, New York, 1960

Dollar and Millar : Personality and Psychotherapy, McGraw Hill! New York, 1953.

Mowrer; Learning Theories and Behaviour.

Cameron : Personality Development and Psychopathology, Vakils Feffer and Simons, Bombay, 1963.

Sahakin : Psychopathology Today, Peacock, 1970.

Swinn: Fundamentals of Behaviour Pathology, John Wiley, New York 1975.

Robert, C.Carstin & James, N .Butcher: Abnormal Psychology and Modern Life (9th Ed.), Harper Collins Publishers, 2008.



प्रश्न –पत्र चतुर्थ  
व्यवहार विकृति विज्ञान

अधिकतम अंक : 75

न्यूनतम उत्तीर्ण अंक : 27

इकाई 1: मनोविज्ञान विप्लेषणात्मक उपागम से परिचय

व्यवहार विकृति का क्षेत्र: व्यवहार विकृति का जैव सामाजिक स्वरूप व्यवहार विकृति की समस्याएं भावुकता एक अर्जित प्रतिक्रिया, व्यवहारिक दोहरापन एवं व्यवहार विकृति व्यवहार विकृति की विधिया, व्यवहार विकृति को मनोविप्लेषणात्मक उपागम।

इकाई 2 : व्यवहार संगठन: सीखना व व्यवहार विकृति :

सामाजिक परिस्थिति में सीखना अस्थायी व्यवहारिक क्रम व सीखना, चयनित सीखना, तनाव में कमी एवं स्वआगम्य सीखना, व्यवहार का त्वरित पुनः संगठन, प्रतीकात्मक भूमिका निर्वाह एवं संवेगात्मक प्रतिक्रिया भाषा व्यवहार सामाजिक संगठित चिन्तन , सामाजिक भूमिका संवेगात्मक प्रतिक्रिया के रूप में ।

इकाई 3: स्थितीकरण एवं परिपक्वता :

जैविक ,जैव सामाजिक परिकल्पना, अपरिपक्वता: विभासात्मक भेदता, अपनापन की संबधता विमुक्तता भेदता, अपनापन की संबध्यता विमुक्तता: निर्वारक एवं सामाजिक समस्या व्यवहार विकृति में जैव सामाजिक अपरिपक्वता । सामाजिक विचलन, समाजिक विचलन की व्यवहारिक विशेषताएं अनुउपयुक्त और

इनऐप्ट सामाजिक विचलन की विविधिताएं , सामाजिक विचलन का जैव सामाजिक विकास ।

इकाई 4: प्रतिबल व समायोजन दोष: प्रतिबल और प्रतिबलक: समायोजन रणनितियों पर आघात प्रतिबल दोष गंभीर जीवन प्रतिबलक में प्रतिक्रियाएं प्रतिबल दोषों की रोकथाम राजनैतिक पष्चात् आघात प्रतिबल दोष अनसुलझे विचार बिंदु । द्वन्द्व –विकृति प्रत्यय का विकास, द्वन्द्व को परिभाषा और व्यवहार विकृति के साथ संबंध सामान्य चिन्ता व्यवहार में , चिन्ता की व्यवहारिक विषेषताएं अनुकूल परिस्थितियों का विकास चिन्ता प्रतिक्रियाओं में परिणाम व्यक्तिगत अंतर व्यवहारिक चिन्ता व्यवहारिक विकृत में चिन्ता दोष, अवसाद दोष और उत्साह दोष

इकाई 5 : चिकित्सा:चिकित्सा का सामान्य परिचय: चिकित्सा के अधिगम सिद्धान्त , व्यवहार चिकित्सा, मनोविष्लेषनात्मक चिकित्सा व संज्ञानात्मक व्यवहार चिकित्सा ।

**PAPER V**  
**PRACTICALS**  
**PRACTICALS IN EXPERIMENTAL PSYCHOLOGY**  
**(PAPER II)**

**A. Long Term Experiment :**

The aim of this long term experiment is at developing the skills in mechanics of experimental method in general and to inculcate in students an insight in designing an experiment wherein the students could manipulate more than one variable more than one

level Each student shall be required to conduct a long experiment on any problem from any area covered in the contents of the theory paper.

- B. Each student shall conduct 3 experiments from the list of the topics given below with the condition that she/he should choose one problem from each area, except the area from which the topic for the long experiment has been chosen.

**List of Problems :**

1. Perception:
  - i) "Staircase" method of limits OR Differential threshold : Method of Constant Stimuli
  - ii) Size constancy
  - iii) The information available in brief Visual exposure OR Perceptual defence
2. Learning Motivation :
  - i) Number of reinforcement and learning
  - ii) Reversal and non-reversal shifts
  - iii) Cognitive dissonance
3. Concept learning and Verbal learning :
  - i) Concept learning as a function of rule
  - ii) Incidental learning
  - iii) Organization in Verbal learning
4. Memory :
  - i) Levels of processing and remembering
  - ii) Short-terms memory : Release of proactive inhibition
  - iii) Semantic memory

### **Scheme of evaluation**

#### Experimental Psychology (Part II)

- |    |    |                               |          |
|----|----|-------------------------------|----------|
| 2. | i) | Report on the long Experiment | 20 Marks |
|    |    | With Viva                     | 20 Marks |

**40 Marks**

- |    |      |                              |          |
|----|------|------------------------------|----------|
| 3. | i)   | Internal assessment          | 10 Marks |
|    | ii)  | Conduction of one experiment | 25 Marks |
|    | iii) | Viva                         | 25 Marks |
|    |      |                              | 60 Marks |

- B. Practicals in Research Methodology and Advanced Psychological Statistics (Paper III) and Advanced Behaviour Pathology (Paper IV)

Practical Record Book 10 Marks

Conduction of one numerical and one

Design Practical in Paper III (12½ + 12½) OR

One Practical in Paper IV 25 Marks

Oral examination at the Practical 15 Marks

50 Marks

- (B) RESEARCH METHODOLOGY AND PSYCHOLOGICAL STATISTICS (PAPER III)

Max. Marks : 50

Min. Pass Marks : 18

The aim of this practical course is to put the candidates in conditions wherein they can develop the ability to grasp the assumption and application of various Statistical Methods along with the computation skills as well as to inculcate in them the expertise to plan and to evaluate various Research Designs. The candidates have to

conduct one numerical problem of Statistical Method and one descriptive problem of Research Design in the Practical examination.

The candidates have to conduct at least 3 problems to be solved from each area of a unit given in Units 1, 2 and 3 and each problem to be attempted in Units 4 and 5, as prescribed in Theory Paper III. The candidates may attempt Study Suggestion and Critical Reviews as given in relevant chapters of these two recommended books respectively.

### **BOOKS RECOMMENDED**

Kerlinger, F.N. : Foundations of Behavioural Research, Delhi, Surjeet Publications, 1983

Mr. Guigan : Experimental Psychology : Methods of Research, New Delhi Prentice-Hall of India

### **(C) LIST OF PROBLEMS FOR ADVANCED BEHAVIOUR PATHOLOGY**

**(PAPER IV PRACTICALS)**

Max. Marks : 50

Min. Pass Marks : 18

(Any six to be attempted)

1. Conflict and Decision Making Performance
2. Anxiety and Behaviour Efficiency
3. Effect of State and Trait Anxieties on performance
4. Psychodynamic Study of Id. Ego and Superego
5. Experimental Neurosis

6. Detection of Emotional Complexes by Free Association and A.N.S. correlates
7. Hierarchy of Defence Mechanism
8. Reactions to Frustration
9. Habitual ways of resolving basic anxiety (Horney's Model)
10. Mental Stress and Family Environment
11. Mental Stress and Personality Predisposition
12. Perceptual Resistance
13. Luna Experiment to detect unconscious emotional conflict
14. Effect of Failure on further work