

GUJARAT UNIVERSITY
B.A. PSYCHOLOGY

SEMESTER - VI
(SYLLABUS)

Paper-311 : Research Methods in Psychology – II

Paper-312 : Experimental Psychology (Practical) - II (for Regular Students)

OR

Paper-312 : Experimental Psychology (Theory) (for External Students only)

Paper-313 : Psychology of sex and married life – II

OR

Environmental Psychology – II

Paper-314 : Psychology in industrial organisation – II (For Regular & External Students)

OR

Experimental Psychology (Theory) – II (Only for Regular Students)

Paper 315 : Counselling Psychology – II

Semester – VI
Core 311

RESEARCH METHODS IN PSYCHOLOGY - II

Objective:

(1) To acquaint Students with the basic concepts of Research method

(2) To Provide Students a Perspective of Research method

UNIT	DETAILED SYLLABUS
Unit – I	Observation methods : <ul style="list-style-type: none">- Types of observation Survey method : <ul style="list-style-type: none">- Meaning and Nature of the survey- Goals of Social Survey- Problems of Survey Planning.

Unit – II	<p>Questionnaire Methods :</p> <ul style="list-style-type: none"> - Meaning and Nature of Questionnaire Method - Principles of Questionnaire formation - Subject Matter of the Questions in Questionnaire - Formation of words of the questions in questionnaire - Open Questions and pre-coded questions - Order of questions.
Unit – III	<p>Interview method :</p> <ul style="list-style-type: none"> - Meaning and nature of Survey interview - Types of Interview - Selection and training of the interviewer.
Unit – IV	<p>Psychological tests :</p> <ul style="list-style-type: none"> - Meaning and nature of Psychological test. - Characteristics of a good psychological test - Types of Psychological test. <p>Research Report :</p> <ul style="list-style-type: none"> - The points which are included in Research report.

Total Marks: 100

Marks: External Evaluation : 70 Marks (For Regular Students)

Internal Evaluation : 30 Marks (For Regular Students)

Break up of internal evaluation: (For Regular Students)

1. Present -	05 marks
2. Assignment -	05 marks
3. Seminar / Field Visit -	05 marks
4. Internal Exam -	15 marks
Total -	30 marks

Reference Books :

1. Selltitz C. Jahoda, Deatch M. and Cook S. W. Research methods in behavioural Science. New York, 1953.
2. Festinger and Katz D. Research methods in behavioral Sciences., Holt, Rinchart and Winstone, New York.
3. Kerlinger F. N. (2000). "Foundation of behavioral research". Fifth edition- (Surjeet Publication, Delhi).

Available Books

1. Kothari C. R. (1990) Research Methodology. IInd edition, Wishwa Prakashan, New Delhi.
2. Anna anastach-“Psychological Testing” Mac Millan Co. Ltd., London, 6th edition.
3. B.F. Anderson-“Experimental Psychology”.
4. George Zimmy-“Experimental Psychology”.
5. Maser C. A. - “Survey methods in Social Investigation”. Hei Neman, London, 1967.

Modern Books

1. Research methods in Psychology Sixth Edition. David G. ELMES, BARRY H. KANTOWITZ, HENRY L. ROEDIGER III. Brooks/Cole Publishing Company I (R) P An International Thomson Publishing Company.
2. How to Research IInd edition. Loraine Blaxter, Christina Hughes, Malcolm Tight. Viva Books Private Limited (1997) New Delhi, Mumbai, Chennai, Kolkata.
3. Research Methods in Psychology IV Edtion. John J. Shaughnessy. Eugene B. McGrew Hill Co., Zechmeister.

ગુજરાતી સંદર્ભ પુસ્તકો :

1. મનોવિજ્ઞાનનું પધ્ધતિશાસ : સી. જમનાદાસની કંપની - ૧૯૭૬ - ૭૭ પ્રકરણ - ૮, ૯
2. સંશોધનની પદ્ધતિઓ : (૧૯૯૯-૨૦૦૦) : સી. જમનાદાસની કંપની
3. સંશોધન પધ્ધતિ (વાર્તનિક વિજ્ઞાનાનોમાં) : પ્રા. ડૉ. એલ.આર.યાજ્ઞિક, પ્રા. ડૉ. બી.ડી. ઢીલા, પ્રા. ડૉ. કે. બી. ચોથાણી, અક્ષર પબ્લીકેશન, માર્ચ - ૨૦૦૪

Semester – VI

Core 312

EXPERIMENTAL PSYCHOLOGY PRACTICAL & STATISTICS- II

PRACTICAL : 312 (For Regular Students only)

Objective:

(1) To acquaint Students with the basic concepts of Psychological Practical

(2) To Provide Students a Perspective of Psychological Practical

Practical No.	Practical Name
1	Method of Ranking and Paired comparison, Comparison between the methods of determining colour preference.
2	Measurement of Optical Illusion : Through the method of Average Error.
3	Learning : letter-Digit Substitution.
4	Whole v/s Part Method of Learning.
5	Immediate Span of Memory.
6	Pass along Performance Intelligence Test.
7	Problem Solving.
8	Sinha's Comprehensive Anxiety Test

Total Marks: 100

Marks: External Evaluation : 70 Marks (For Regular Students)

Internal Evaluation : 30 Marks (For Regular Students)

Break up of internal evaluation: (For Regular Students)

1. Present -	05 marks
2. Assignment -	05 marks
3. Seminar -	05 marks
4. Internal Exam -	15 marks
Total -	30 marks

આધાર ગ્રંથો:

1. “પ્રાયોગિક મનોવિજ્ઞાન” ડૉ. સી.ટી. ભોપટકર યુનિવર્સિટી પ્રકાશન
2. “પ્રાયોગિક મનોવિજ્ઞાન સિધ્ધાંત અને પ્રયોગપોથી” યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ, લેખક : એસ.સી. કાનાવાલા

Semester – VI
Core 312
EXPERIMENTAL PSYCHOLOGY (THEORY) –II
(For External Students Only)

Total Marks: 100

Objective:

- (1) To acquaint Students with the basic concepts of Experimental psychology**
- (2) To Provide Students a Perspective of Experimental psychology**

UNIT	DETAILED SYLLABUS
Unit – I	<p>Experimental Method – Introduction:</p> <ul style="list-style-type: none"> - Meaning and Types of Experiment. - Meaning and Types of Variable. - Forms of Behaviour. - Advantages and Limitations of Experimental Method.
Unit – II	<p>Association :</p> <ul style="list-style-type: none"> - Concept of Association (Definition and Laws of Association). - Types of Verbal Association Experiments. - Classification of Association (Frequency Tables and Content Analysis). - Clinical and Diagnostic Use of Association.
Unit – III	<p>Measurement of Learning :</p> <ul style="list-style-type: none"> - Measurement of Learning. - Types of Learning (Verbal Learning, Motor Learning and Problem Solving). - Measurement of Learning. - Learning Curves.
Unit – IV	<p>Remembering and Forgetting :</p> <ul style="list-style-type: none"> - Remembering and Forgetting - Basic distinctions about Memory - Short term Memory - Long term Memory

Reference Books

1. Postman and Egan : Experimental Psychology - An Introduction. Harper & Row, New York (Indian Edition is available).
2. Woodworth and Schlosberg. Experimental Psychology (Revised) Oxford & IBH Publishing Co., New Delhi.
3. Borton Andrews. Experimental Psychology Wiley Eastern Pvt. Ltd., New Delhi.
4. Morgan and King. Introduction to Psychology (4th ed.) McGraw Hill Book Co. New York (Indian Edition is Available).

Semester – VI
Core 313
PSYCHOLOGY OF SEX AND MARRIED LIFE - II

Objective:

- (1) To acquaint Students with the basic concepts of Psychology of sex and married life
- (2) To Provide Students a Perspective of Psychology of sex and married life

UNIT	DETAILED SYLLABUS
Unit – I	<p>Sexual Abuse & Dysfunctions :</p> <p>Sexual abuse : - Definition, - Pedophilia, - Incest, - Rape</p> <p>Sexual Dysfunctions :</p> <ul style="list-style-type: none"> - Dysfunction of sexual desire – Dysfunction of sexual arousal (male & female) – Orgasmic dysfunction in male & female
Unit – II	<p>The Art of Marriage :</p> <p>Sexuality and Success of Marriage :</p> <ul style="list-style-type: none"> - Sex instinct & Art of sex – Difference between male and female in sexual Desire <p>Nature of Coital Process :</p> <ul style="list-style-type: none"> - The Defloration – What is Foreplay – Erogenous zones – Techniques of Arousal – Coital position
Unit – III	<p>Health in Marriage and Happiness in Marriage :</p> <p>Health in Marriage :</p> <ul style="list-style-type: none"> - Age for Marriage – Planning the first Pregnancy – Vagunal Discharges – Contraception and sexual Adjustment <p>Frequency of Intercourse ;</p> <ul style="list-style-type: none"> - Rhythms of sexual Desire and Fertility – Sexual Impulse after menopause – Suggestions for marital success by Dr. Stone and Stone
Unit – IV	<p>Sexual Diseases & Family planning :</p> <p>Sexual diseases :</p> <ul style="list-style-type: none"> - What is sexually Transmitted Diseases (STD) – AIDS – Chlamydia – Syphilis - Herpes <p>Family planning :</p> <ul style="list-style-type: none"> - Classification on contraceptive methods – (1) natural methods (2) Barrier methods (3) Hormonal methods (4) Permanent methods.

Total Marks: 100

Marks: External Evaluation : 70 Marks (For Regular Students)

Internal Evaluation : 30 Marks (For Regular Students)

Break up of internal evaluation: (For Regular Students)

1. Present -	05 marks
2. Assignment -	05 marks
3. Seminar / Field Visit -	05 marks
4. Internal Exam -	15 marks
Total -	30 marks

References Basic Books

1. Stefan Bechtel, Laurence Roy Stains “Sex A Man’s Guide” Rajendra publishing house Pvt. Limited, Mumbai 400018 First Indian edition, 1997
2. Dhun Panthaki “Education in human sexuality” Family planning association of India. Bajaj Bhavan Nariman point, mumbai 400021, 1997
3. Carson, R. C., Butcher J. N. & Mineka S. “Abnormal Psychology and modern life” 11th Edi. 2000 First Indian reprint 2003 Pearson Education (Singapore) Pvt. Ltd. Indian branch 482 f.I.E. Patparaganj. Delhi 110092 India
4. Stone H. M. and stone A. “A Marriage Manual” Pocket book distributing company, 11 Oak-lane, Fort Bombay India. 1953
5. Landis J. T. & Landis M. G.. “Building a successful marriage” 7th Edi. 1977 Prentice-Hall INC. Englewood, Eliffs, New Jersy. 07632.
6. Singh Chitralekha, Nath Prem Hindu Manners, customs and ceremonies, Crest Publishing House, New Delhi 1st Edi. 1999

References from Internet

1. Dictionary definition of **marriage** The American Heritage® Dictionary of the English Language, Fourth Edition© 2004., Published by Houghton Mifflin Company.
2. Encyclopedia information about **marriage** The Columbia electronic Encyclopedia, Sixth Edition© 2003, Columbia University Press.
3. Wikipedia information about human sexuality
4. “Human Sexuality”, Microsoft® Encarta® Online Encyclopedia 2005 <http://encarta.msn.com>© 1997-2005 Microsoft Corporation.
5. The internet encyclopedia of Philosophy.

Reference Books Recommended for the Additional Study

1. Kothari Prakash “Common sexual problems-Solutions. july 1987 VRP Publishers, Bombay 400 007.
2. Dr. Shah Hansa Navnit. “Stree Rog Shastra” Uni. Granath Nirman board. Gujarat Rajya, Second Edi. 2004
3. Masters W. H., Johnson V. E. and Kolodny R. C. “Sex and Human Loving” 14th Jaico Impression, 2001 Jaico publishing House Mumbai
4. Bechtel Stefan “The practical encyclopedia of sex and Health”. Rajendra Publishing house, Bombay 400 018.

5. Dr. Gandhi Harkisan & Others “Lagna Pehla ane Pachhi” Reprint 1997 Navbharat Sahitya mandir, Ahmedabad-380 001.
6. L. Beam, Man and Woman Relationship - A medical study of sex adjustment Edition-2004 Shrishti Book Distributors, 4378/ 4B, 202 J.M.D. House, Ansari Road, Dariyaganj, New Delhi-110 002.

Semester – VI
Core 313
ENVIRONMENTAL PSYCHOLOGY – II

Objective:

- (1) To acquaint Students with the basic concepts of Environmental Psychology.**
- (2) To Provide Students a Perspective of Environmental Psychology**

UNIT	DETAID SYLLABUS
Unit – I	<p>Effects of Weather and Temperature on Behaviour :</p> <ul style="list-style-type: none"> - Nature and Characteristics of Temperature - Effects of various levels of Temperature and Atmosphere - Atmospheric influence on behaviour - The effects of heat on performance - Heat and social Behaviour - The effects of cold temperature
Unit – II	<p>Personal space, Inter-personal Contact and Territorial Behaviour :</p> <ul style="list-style-type: none"> - Personal space, Territory & Interpersonal contact - Consequences of too much too little personal space. - Cultural and personal factors in interpersonal contacts and personal space. - Characteristics of territory - Kinds of territory - Dominance on the Territory - Consequences of Territorial Disputes.
Unit – III	<p>Population Density and the problem of Overcrowding :</p> <ul style="list-style-type: none"> - Density and Crowding - Effects of overcrowding on Humans - Sex and effects of density - The effects of High density of population on Physique - The effects of the kinds of High Density of population - The effects of high density on Task - The effects of Density on social behaviour - Effects of Long terms high density - Avoiding the effects of crowding and negative reactions.

Unit – IV	Changing Behaviour to save Environment : - Environmental psychology and saving the Environment - Environmental Education - Prompts : Reminders of what to do and of what not to do. - Reinforcement Techniques.
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Total Marks: 100

Marks: External Evaluation : 70 Marks (For Regular Students)

Internal Evaluation : 30 Marks (For Regular Students)

Break up of internal evaluation: (For Regular Students)

1. Present -	05 marks
2. Assignment -	05 marks
3. Seminar / Field Visit -	05 marks
4. Internal Exam -	15 marks
Total -	30 marks

Reference Books

1. Dr. M. Rajmanickam (1994) ‘ Contemporary fields of psychology and Experiments ‘ Concept Pub. Co., New Delhi.
2. Bell P. A., Fisher I. D., Baum A., and Greene T. C. (1990) ‘Environmental Psychology, (3rd Edition), Harcourt Brace Jovanovich College Pub., U.S.A.
3. Ittelson W. H., Proshansky H. M., Rilvin E. G., Winkel G. H. & Dempsey (1974) ‘ An Introduction to Environmental Psychology’ New York.
4. Dave C. B., Patel N. S., & Panchal D. J. (2003-2004) ‘ Paryavaran nu Manovignan’, Suchita Prakashan, Ahmedabad.

Semester – VI

Core 314

PSYCHOLOGY IN INDUSTRIAL ORGANISATION – II

(For Regular and External Students)

Objective:

- (1) To acquaint Students with the basic concepts of Psychology in Industrial Organisation
- (2) To Provide Students a Perspective of Psychology in Industrial Organisation

UNIT	DETAILED SYLLABUS
Unit – I	The Work Environment : - Illumination - Effect of Noise - Effect of music Temperature and Ventilation Safety and Accident Control : - Causes of Accident - Accident Proneness - Accident Control

Unit – II	<p>Motivation Theories :</p> <ul style="list-style-type: none"> - Needs Hierarchy Theory - FRG Theory - Motivation-Hygiene (Two Factor) Theory - Job Characteristics Theory <p>Job Satisfaction :</p> <ul style="list-style-type: none"> - Components of Job-Satisfaction - Characteristics of Satisfied Worker - Job Satisfaction and Performance
Unit – III	<p>Stress :</p> <ul style="list-style-type: none"> - Occupational Health Psychology - Physiological Effects of Stress - Individual Differences in Stress Responses <p>Stress in the Workplace :</p> <ul style="list-style-type: none"> - Causes of Stress in the Workplace - Effects of Stress in the Workplace - Treating of Stress in the Workplace
Unit – IV	<p>Consumer Psychology :</p> <ul style="list-style-type: none"> - The Scope of Consumer Psychology - Research Methods - Trademarks <p>Advertisements :</p> <ul style="list-style-type: none"> - The Nature and Scope of Advertising - Types of Advertising Appeals - Sex in Advertisements - Women in Advertisement - Effectiveness of Advertising Campaign - Advertising on the Web.

Total Marks: 100

Marks: External Evaluation : 70 Marks (For Regular Students)

Internal Evaluation : 30 Marks (For Regular Students)

Break up of internal evaluation: (For Regular Students)

1. Present -	05 marks
2. Assignment -	05 marks
3. Seminar / Field Visit -	05 marks
4. Internal Exam -	15 marks
Total -	30 marks

Basic Books :

1. Siegal and Lane 3rd ed. 'Psychology in Industrial Organization' Bombay. D. B. Taraporwala and Co.
2. Schultz, D. and Schlutz, S.E. (2002) 'Psychology and Work Today' Delhi, Person Education (First Indian Report, 2004).

Semester – VI
Core 314
EXPERIMENTAL PSYCHOLOGY (THEORY) – II

(For regular students)

Note : External student cannot take this paper as an optional paper

Objective:

- (1) To acquaint Students with the basic concepts of Experimental Psychology.
- (2) To Provide Students a Perspective of Experimental Psychology

UNIT	DETAILED SYLLABUS
Unit – I	Association : <ul style="list-style-type: none"> - Concept of Association (Definition and Laws of Association). - Types of Verbal Association Experiments. - Classification of Association (Frequency Tables and Content Analysis). - Clinical and Diagnostic Use of Association.
Unit – II	Measurement of Learning : <ul style="list-style-type: none"> - Measurement of Learning. - Types of Learning (Verbal Learning, Motor Learning and Problem Solving). - Learning Curves.
Unit – III	Verbal Learning : <ul style="list-style-type: none"> - Verbal Learning - Methods of Practice. - The Basic Variables in Learning Experiments. - Performance as a Function of What is Learned. - Performance as a Function of How Learning Proceeds.
Unit – IV	Higher Mental Processes : <ul style="list-style-type: none"> - Concept attachment. - Learning of Concepts. - Problem Solving (Trial and Error in Problem Solving Insight in Problem solving).

Total Marks: 100

Marks: External Evaluation : 70 Marks (For Regular Students)

Internal Evaluation : 30 Marks (For Regular Students)

Break up of internal evaluation: (For Regular Students)

1. Present -	05 marks
2. Assignment -	05 marks
3. Seminar / Field Visit -	05 marks
4. Internal Exam -	15 marks
Total -	30 marks

Basic Books :

1. Postman and Egan : Experimental Psychology - An Introduction. Harper & Row, New York (Indian Edition is available).
2. Woodworth and Schlosberg. Experimental Psychology (Revised) Oxford & IBH Publishing Co., New Delhi.
3. Borton Andrews. Experimental Psychology Wiley Eastern Pvt. Ltd., New Delhi.
4. Morgan and King. Introduction to Psychology (4th ed.) McGraw Hill Book Co. New York (Indian Edition is Available).

Semester – VI**Core 315****COUNSELLING PSYCHOLOGY – II****Objective:**

- (1) To acquaint Students with the basic concepts of counselling Psychology
- (2) To Provide Students a Perspective of Counselling Psychology

UNIT	DETAILED SYLLABUS
Unit – I	મુલાકાત પદ્ધતિ : - મુલાકાતના હેતુઓ અને ફાયદાઓ – મુલાકાતની શરૂઆત – પ્રારંભિક મુલાકાત મુલાકાત અને સલાહ : - અસીલનું વર્તન – સલાહકારનું વર્તન – ધ્યેયો = તબક્કાઓ – પ્રારંભિક બેઠકમાં શું બને છે?
Unit – II	સલાહલક્ષી મુલાકાતની પદ્ધતિઓ (પ્રકારો) : - મુલાકાતના સિધ્ધાંતો – મુલાકાતની નોંધ – મુલાકાતનો અંત સલાહની ટેકનિકો : - સલાહ ટેકનિકનો અર્થ – આરંભિક ટેકનિકો – મૌન ટેકનિકો – સ્વીકૃતિની ટેકનિક
Unit – III	સલાહની ટેકનિકો : - સલાહ ટેકનિકનો અર્થ – શ્રાવ્ય ટેકનિકો – પ્રતિબિંબિત ટેકનિકો - સ્પષ્ટીકરણની ટેકનિકો = અર્થઘટન ટેકનિકો - દોરવણીની ટેકનિકો – પ્રશ્નાવલી ટેકનિકો – ખાતરી આપવાની ટેકનિકો = અન્ય ટેકનિકો

Unit – IV	<p>સલાહમાં નિર્ણય લેવાની પ્રક્રિયા :</p> <ul style="list-style-type: none"> - નિર્ણય લેવાની પ્રક્રિયાના ધોરણો - નિર્ણય લેવાની પ્રક્રિયાના પાસાઓ - નિર્ણય લેવાની પ્રક્રિયાના પગથિયાં
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Total Marks: 100

Marks: External Evaluation : 70 Marks (For Regular Students)

Internal Evaluation : 30 Marks (For Regular Students)

Break up of internal evaluation: (For Regular Students)

1. Present -	05 marks
2. Assignment -	05 marks
3. Seminar / Field Visit -	05 marks
4. Internal Exam -	15 marks
Total -	30 marks

Reference Books :

1. Blum, M.L. & Balinky, B. (1961). Counselling and Psychology, Bombay : Asia Publishing House.
2. Rao, Narayan S. (1981). Counselling Psychology, New Delhi : Tata-mc Graw Hill Pub-co.
3. Conselling in General Practice, Edited rosiya carney, Routledge 11, New Fetter Lane, London, Ec4p4EE (1993).
4. ડૉ. પટેલ સોમાભાઈ ટી., સલાહ મનોવિજ્ઞાન, યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ, અમદાવાદ (૧૯૮૦).