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

<table>
<thead>
<tr>
<th>UNIT</th>
<th>DETAILED SYLLABUS</th>
</tr>
</thead>
</table>
| Unit – I  | Observation methods :
|           | - Types of observation |
|           | Survey method :
|           | - Meaning and Nature of the survey |
|           | - Goals of Social Survey |
|           | - Problems of Survey Planning. |
## Questionnaire Methods:
- 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.

## Interview Method:
- Meaning and nature of Survey interview
- Types of Interview
- Selection and training of the interviewer.

## Psychological Tests:
- Meaning and nature of Psychological test.
- Characteristics of a good psychological test
- Types of Psychological test.

## Research Report:
- The points which are included in Research report.

<table>
<thead>
<tr>
<th>Total Marks: 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marks: External Evaluation : 70 Marks (For Regular Students)</td>
</tr>
<tr>
<td>Internal Evaluation : 30 Marks (For Regular Students)</td>
</tr>
</tbody>
</table>

### 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:

Available Books
3. B.F. Anderson-“Experimental Psychology”.
4. George Zimmy-“Experimental Psychology”.

Modern Books

ગુજરાતી સંકેતિમાં પુસ્તકો:
1. મનોવિજ્ઞાનનું પદ્ધતિશાસ : સી. જમનાદાસની કુંપની – ૧૯૭૬ – ૭૭ પ્રકાર – ૮, ૮
2. સુંશોધનની પદ્ધતિઓ : (૧૯૮૮-૨૦૦૦) : સી. જમનાદાસની કુંપની
3. સુંશોધન પદ્ધતી (વાર્તિક વિજ્ઞાનનોમા) : પા. ડો. ચેલ.આર.ધાલિક, પા. ડો. બી.ડી. ઢીલા, પા. ડો. એ. ભી. યોજાણી, અક્ષર પુબલિકેશન, માર્ચ – ૨૦૦૪
Objective:
(1) To acquaint Students with the basic concepts of Psychological Practical
(2) To Provide Students a Perspective of Psychological Practical

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

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

आधार गँठी:
1. “प्रायोगिक मनोविज्ञान” डॉ. सी.टी. लोपटकर युनिवर्सिटी प्रकाशन
2. “प्रायोगिक मनोविज्ञान सिध्धांत अनेक प्रयोगपत्रिकाएँ” युनिवर्सिटी ग्रंथ निर्माण बोर्ड, लेखक : अस.सी. कानालाल
Objective:
(1) To acquaint Students with the basic concepts of Experimental psychology
(2) To Provide Students a Perspective of Experimental psychology

<table>
<thead>
<tr>
<th>UNIT</th>
<th>DETAILED SYLLABUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit – I</td>
<td><strong>Experimental Method</strong> – Introduction:</td>
</tr>
<tr>
<td></td>
<td>- Meaning and Types of Experiment.</td>
</tr>
<tr>
<td></td>
<td>- Meaning and Types of Variable.</td>
</tr>
<tr>
<td></td>
<td>- Forms of Behaviour.</td>
</tr>
<tr>
<td></td>
<td>- Advantages and Limitations of Experimental Method.</td>
</tr>
<tr>
<td>Unit – II</td>
<td><strong>Association</strong>:</td>
</tr>
<tr>
<td></td>
<td>- Concept of Association (Definition and Laws of Association).</td>
</tr>
<tr>
<td></td>
<td>- Types of Verbal Association Experiments.</td>
</tr>
<tr>
<td></td>
<td>- Classification of Association (Frequency Tables and Content Analysis).</td>
</tr>
<tr>
<td></td>
<td>- Clinical and Diagnostic Use of Association.</td>
</tr>
<tr>
<td>Unit – III</td>
<td><strong>Measurement of Learning</strong>:</td>
</tr>
<tr>
<td></td>
<td>- Measurement of Learning.</td>
</tr>
<tr>
<td></td>
<td>- Types of Learning (Verbal Learning, Motor Learning and Problem Solving).</td>
</tr>
<tr>
<td></td>
<td>- Measurement of Learning.</td>
</tr>
<tr>
<td></td>
<td>- Learning Curves.</td>
</tr>
<tr>
<td>Unit – IV</td>
<td><strong>Remembering and Forgetting</strong></td>
</tr>
<tr>
<td></td>
<td>- Remembering and Forgetting</td>
</tr>
<tr>
<td></td>
<td>- Basic distinctions about Memory</td>
</tr>
<tr>
<td></td>
<td>- Short term Memory</td>
</tr>
<tr>
<td></td>
<td>- Long term Memory</td>
</tr>
</tbody>
</table>

Reference Books
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

<table>
<thead>
<tr>
<th>UNIT</th>
<th>DETAILED SYLLABUS</th>
</tr>
</thead>
</table>
| Unit – I | Sexual Abuse & Dysfunctions :  
  Sexual abuse : - Definition, - Pedophilia, - Incest, - Rape  
  Sexual Dysfunctions :  
  - Dysfunction of sexual desire – Dysfunction of sexual arousal (male & female) – Orgasmic dysfunction in male & female |
| Unit – II | The Art of Marriage :  
  Sexuality and Success of Marriage :  
  - Sex instinct & Art of sex – Difference between male and female in sexual Desire  
  Nature of Coital Process :  
  - The Defloration – What is Foreplay – Erogenous zones – Techniques of Arousal – Coital position |
| Unit – III | Health in Marriage and Happiness in Marriage :  
  Health in Marriage :  
  - Age for Marriage – Planning the first Pregnancy – Vaginal Discharges – Contraception and sexual Adjustment  
  Frequency of Intercourse ;  
  - Rhythms of sexual Desire and Fertility – Sexual Impulse after menopause – Suggestions for marital success by Dr. Stone and Stone |
| Unit – IV | Sexual Diseases & Family planning :  
  Sexual diseases :  
  - What is sexually Transmitted Diseases (STD) – AIDS – Chlamydia – Syphilis - Herpes  
  Family planning :  
  - 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


References from Internet

3. Wikipedia information about human sexuality
5. The internet encyclopedia of Philosophy.

Reference Books Recommended for the Additional Study


**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

<table>
<thead>
<tr>
<th>UNIT</th>
<th>DETAILED SYLLABUS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit – I</strong></td>
<td><strong>Effects of Weather and Temperature on Behaviour:</strong></td>
</tr>
<tr>
<td></td>
<td>- Nature and Characteristics of Temperature</td>
</tr>
<tr>
<td></td>
<td>- Effects of various levels of Temperature and Atmosphere</td>
</tr>
<tr>
<td></td>
<td>- Atmospheric influence on behaviour</td>
</tr>
<tr>
<td></td>
<td>- The effects of heat on performance</td>
</tr>
<tr>
<td></td>
<td>- Heat and social Behaviour</td>
</tr>
<tr>
<td></td>
<td>- The effects of cold temperature</td>
</tr>
<tr>
<td><strong>Unit – II</strong></td>
<td><strong>Personal space, Inter-personal Contact and Territorial Behaviour:</strong></td>
</tr>
<tr>
<td></td>
<td>- Personal space, Territory &amp; Interpersonal contact</td>
</tr>
<tr>
<td></td>
<td>- Consequences of too much too little personal space.</td>
</tr>
<tr>
<td></td>
<td>- Cultural and personal factors in interpersonal contacts and personal space.</td>
</tr>
<tr>
<td></td>
<td>- Characteristics of territory</td>
</tr>
<tr>
<td></td>
<td>- Kinds of territory</td>
</tr>
<tr>
<td></td>
<td>- Dominance on the Territory</td>
</tr>
<tr>
<td></td>
<td>- Consequences of Territorial Disputes.</td>
</tr>
<tr>
<td><strong>Unit – III</strong></td>
<td><strong>Population Density and the problem of Overcrowding:</strong></td>
</tr>
<tr>
<td></td>
<td>- Density and Crowding</td>
</tr>
<tr>
<td></td>
<td>- Effects of overcrowding on Humans</td>
</tr>
<tr>
<td></td>
<td>- Sex and effects of density</td>
</tr>
<tr>
<td></td>
<td>- The effects of High density of population on Physique</td>
</tr>
<tr>
<td></td>
<td>- The effects of the kinds of High Density of population</td>
</tr>
<tr>
<td></td>
<td>- The effects of high density on Task</td>
</tr>
<tr>
<td></td>
<td>- The effects of Density on social behaviour</td>
</tr>
<tr>
<td></td>
<td>- Effects of Long terms high density</td>
</tr>
<tr>
<td></td>
<td>- Avoiding the effects of crowding and negative reactions.</td>
</tr>
</tbody>
</table>
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.

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

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

<table>
<thead>
<tr>
<th>UNIT</th>
<th>DETAILED SYLLABUS</th>
</tr>
</thead>
</table>
| 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

**Motivation Theories:**
- Needs Hierarchy Theory
- FRG Theory
- Motivation-Hygiene (Two Facture) Theory
- Job Characteristics Theory

**Job Satisfaction:**
- Components of Job-Satisfaction
- Characteristics of Satisfied Worker
- Job Satisfaction and Performance

### Unit – III

**Stress:**
- Occupational Health Psychology
- Physiological Effects of Stress
- Individual Differences in Stress Responses

**Stress in the Workplace:**
- Causes of Stress in the Workplace
- Effects of Stress in the Workplace
- Treating of Stress in the Workplace

### Unit – IV

**Consumer Psychology:**
- The Scope of Consumer Psychology
- Research Methods
- Trademarks

**Advertisements:**
- The Nature and Scope of Advertising
- Types if Advertising Appeals
- Sex in Advertisements
- Women in Advertisement
- Effectiveness of Advertising Campaign
- Advertising on the Web.

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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)

<table>
<thead>
<tr>
<th>1. Present -</th>
<th>05 marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Assignment -</td>
<td>05 marks</td>
</tr>
<tr>
<td>3. Seminar / Field Visit -</td>
<td>05 marks</td>
</tr>
<tr>
<td>4. Internal Exam -</td>
<td>15 marks</td>
</tr>
<tr>
<td><strong>Total -</strong></td>
<td><strong>30 marks</strong></td>
</tr>
</tbody>
</table>

**Basic Books:**

**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

<table>
<thead>
<tr>
<th>UNIT</th>
<th>DETAILED SYLLABUS</th>
</tr>
</thead>
</table>
| Unit – I | Association :  
- 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 :  
- Measurement of Learning.  
- Types of Learning (Verbal Learning, Motor Learning and Problem Solving).  
- Learning Curves. |
| Unit – III | Verbal Learning :  
- 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 :  
- 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:

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

<table>
<thead>
<tr>
<th>UNIT</th>
<th>DETAILED SYLLABUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit – I</td>
<td>મુલાકાત પદ્ધતિ:</td>
</tr>
<tr>
<td></td>
<td>- મુલાકાતના હેતુઓ અને વાદાઓ - મુલાકાતની શરૂઆત - પ્રારંભિક મુલાકાત</td>
</tr>
<tr>
<td></td>
<td>મુલાકાત અને સલાહ:</td>
</tr>
<tr>
<td></td>
<td>- અસીમણું વચન અને સલાહકારનું વચન - વચનનો અથાત વચન</td>
</tr>
<tr>
<td>Unit – II</td>
<td>સલાહકારની મુલાકાતની પહેલાતથી (પ્રક્રિયા):</td>
</tr>
<tr>
<td></td>
<td>- મુલાકાતના સિદ્ધાંતો - મુલાકાતની નોંધ - મુલાકાતનો અંત</td>
</tr>
<tr>
<td></td>
<td>સલાહની ટેકનિકો:</td>
</tr>
<tr>
<td></td>
<td>- સલાહ ટેકનિકનો અર્થ - પ્રારંભિક ટેકનિકો - મૌન ટેકનિકો - સ્વિકારતિની ટેકનિક</td>
</tr>
<tr>
<td>Unit – III</td>
<td>સલાહની ટેકનિકો:</td>
</tr>
<tr>
<td></td>
<td>- સલાહ ટેકનિકનો અર્થ - શાસ્ત્રીય ટેકનિકો - પ્રતિબિંબિત ટેકનિકો</td>
</tr>
<tr>
<td></td>
<td>- સ્પષ્ટીકરણની ટેકનિકો = અયાખાત ટેકનિકો</td>
</tr>
<tr>
<td></td>
<td>- દૌરાવાળી ટેકનિકો - પ્રકાશયોથી ટેકનિકો - માત્રિ આપવાની ટેકનિકો = અન્ય ટેકનિકો</td>
</tr>
</tbody>
</table>
Unit – IV

सलाहमां निर्णय लेवानी प्रक्रिया:

- निर्णय लेवानी पुड़काणा घोषणे
- निर्णय लेवानी पुड़काणा पासायो
- निर्णय लेवानी पुड़काणा पंजीयन

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:

4. ड्र. पटेल सोमािा, सलाह मनोविज्ञान, यુनिवर्सॉटी वूड निमालु बोर्ड, अमृतावाड (१९८०).