

## Psychology Special IV

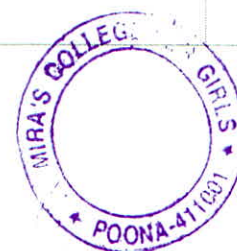
## Experimental Psychology –Practicals

Semester V	Subject Code: A51719	Lectures: 60
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**Objectives:**

- To acquaint students with the basic procedure and design of psychological experiment
- To acquaint students with simple statistical concepts
- To help students solve simple statistical problems

<b>Unit 1: Psychophysics</b>	12
<ul style="list-style-type: none"> <li>• Introduction to Psychophysics</li> <li>• Muller Lyer illusion – Method of average error</li> </ul>	
<b>Unit 2: Learning and Memory</b>	12
<ul style="list-style-type: none"> <li>• Introduction to Learning and Memory</li> <li>• Serial learning</li> <li>• Bilateral transfer</li> <li>• STM</li> </ul>	
<b>Unit 3: Problem Solving</b>	12
<ul style="list-style-type: none"> <li>• Introduction to Problem Solving</li> <li>• Maze learning</li> <li>• Effect of Mental Set on Problem Solving</li> </ul>	
<b>Unit 4: Attention</b>	12
<ul style="list-style-type: none"> <li>• Introduction to Attention</li> <li>• Stroop Effect</li> <li>• Reaction Time</li> </ul>	
<b>Unit 5: Statistics</b>	12
<ul style="list-style-type: none"> <li>• Introduction to Statistics <ul style="list-style-type: none"> <li>○ Meaning of statistics</li> <li>○ Need and importance of statistics in Psychology</li> </ul> </li> <li>• Measures of central tendency <ul style="list-style-type: none"> <li>○ Measures of Central tendency-meaning and uses</li> </ul> </li> </ul>	





- Mean, Median, Mode for grouped and ungrouped data
- Measures of Variability
  - Range, Standard Deviation ,Quartile Deviation
- Correlation
  - Meaning of correlation.
  - Computation of measures of correlation- Product moment correlation and Rank Order correlation

**Reference Books:**

- Mukherjee N (2006) Experimental psychology. Dominant Publications, New Delhi.
- Parameswaran E,Ravichandra K (2004) Neel Kamal Publications, New Delhi
- Rajamanickam M (2005) Experimental psychology with Advanced experiments Concept Publishing, New Delhi.
- Sharma & Sharma(2003) Experimental psychology Atlantic Publication, New Delhi
- Mangal.S.K (2002) Statistics in Education and psychology 2<sup>nd</sup> Ed, Prentice-Hall India, New Delhi.



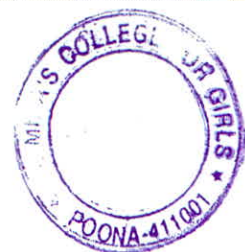
**Psychology Special IV**  
**Psychological Testing-Practical**

<b>Semester VI</b>	<b>Subject Code: A61719</b>	<b>Lectures: 60</b>
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**Objectives:**

- To acquaint students with basics of psychological testing and their application
- To impart skills for administration of various psychological tests
- To acquaint students with simple statistical concepts
- To help students solve simple statistical problem

<b>Unit 1: Introduction to testing</b>	<b>12</b>
<ul style="list-style-type: none"> <li>• Meaning of a test, classification of test, characteristics of a standardised test, general steps in test construction,</li> <li>• Uses of psychological tests and their limitations</li> <li>• Reliability-meaning and types</li> <li>• Validity- meaning and types</li> <li>• Norms- meaning&amp; types, steps in developing norms</li> </ul>	
<b>Unit 2: Measurement of intelligence and creativity</b>	<b>12</b>
<ul style="list-style-type: none"> <li>• Meaning and purpose of intelligence testing, types of intelligence tests</li> <li>• Administration of intelligence test- SPM,</li> <li>• Test on Creativity- Passi test of creativity</li> </ul>	
<b>Unit 3: Career Profiling</b>	<b>12</b>
<ul style="list-style-type: none"> <li>• Meaning and purpose of intelligence testing, types of intelligence tests</li> <li>• Administration of aptitude test-DBDA</li> <li>• Administration of preference test- Career Preference Record</li> </ul>	
<b>Unit 4: Measurement of personality &amp; related areas</b>	<b>12</b>
<ul style="list-style-type: none"> <li>• Meaning and purpose of personality testing</li> <li>• Tools of personality assessment</li> <li>• Administration of self report inventories- (EPQ-R, Smith's Stress Symptoms Inventory)</li> <li>• Administration of Projective techniques- Conflictive Thoughts Analysis Inventory)</li> <li>• Administration of attitude scale- (Marriage attitude scale)</li> </ul>	



<b>Unit 5: Group testing and interpretation</b>	<b>12</b>
<ul style="list-style-type: none"> <li>Career Profiling of one subject</li> </ul>	

**Reference Books:**

- Anastasi A (2003) Psychological testing ,7<sup>th</sup> ed, Pearson Education, New Delhi
- Cohen.R.J.Swerdlik.M.E (2005) Psychological testing and assessment 6<sup>th</sup>Ed, Tata McGraw –Hill, Delhi.
- Kaplan and Sacuzzo (2001) Psychological Testing: Principles, Applications, and Issues (5<sup>th</sup> ed),Pearson education, New Delhi
- Singh.A.K.(2004) Tests , Measurements and research methods in Behavioural sciences(3<sup>rd</sup> ed),Bharti Bhavan Publishers, Patna
- Mangal.S.K (2002) Statistics in Education and psychology 2<sup>nd</sup> Ed, Prentice-Hall India, New Delhi.

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