



**Symbiosis College of Arts and Commerce**  
(An Autonomous College Affiliated to University of Pune)

Subject code	Semester	I	II	III	IV	V	VI	M.Com.	I	II	III	IV
Title of Subject (For F.Y. as appeared in the prospectus) (For S.Y. & T.Y. titles can be as per the approval of BOS)		<b>Experimental Psychology &amp; Psychological Testing</b>										
Objectives	<ol style="list-style-type: none"> <li>1. To help students understand concepts and theories related to attention, thinking, learning and memory.</li> <li>2. To help students build an understanding of the theory corresponding to various experiments in order to design and undertaken experiments.</li> <li>3. To give students the knowledge of basic concepts related to Psychological Testing.</li> </ol>											
<b>Detailed syllabus</b>												
Unit	Contents of the syllabus											Number of Lectures
1	<p><b><u>Title of the topic : Attention</u></b> Contents :</p> <p>1.1. Nature &amp; Definition of Attention 1.2. Determinants of Attention 1.3. Kinds of Attention:     1.3.1. Voluntary &amp; Involuntary     1.3.2. Habitual &amp; Selective     1.3.3. Divided &amp; Sustained 1.4. Theories of Attention:     1.4.1. Automatic vs Controlled Processing     1.4.2. Feature Integration     1.4.3. Supervisory Attentional Systems Model</p>											14
2	<p><b><u>Title of the topic : Thinking</u></b> 2.1. Thinking: Nature, Definition and kinds 2.2. Tools of Thinking: Images, cognitive map and language 2.3. Trial and error and insight in thinking 2.4. Theories of thinking:     2.4.1. Central theory.     2.4.2. Peripheral central theory 2.5. Creative thinking: nature and stages.</p>											12
3	<b><u>Title of the topic : Learning &amp; Memory</u></b>											14

	<p>3.1. Learning: definition and types</p> <p>3.2. Memory: definition and types (include retrospective and prospective memory in addition to others)</p> <p>3.3. Models of memory: Atkinson and Shiffrin, Information Processing</p> <p>3.4. Determinants of memory: Eye witness memory</p> <p>3.5. Theories of forgetting</p>	
4	<p><b><u>Title of the topic</u> : Psychological Testing</b></p> <p>Contents :</p> <p>4.1. Introduction to Psychological Testing</p> <p>4.2. Types of Psychological Tests</p> <p>4.3. Psychometric Test Construction</p> <p>4.4. Challenges &amp; Ethical Issues in Psychological Testing</p>	14
	Total Number of Lectures	54
<p><b>Suggested Reference Books:</b></p> <ol style="list-style-type: none"> <li>1. Mishra, B.K. (2008). <i>Psychology: The study of human behavior</i>. N.D.: PHI Learning.</li> <li>2. Singh, A.K. (2006). <i>Tests, Measurements and research methods in behavioural sciences</i>. Patna: Bharati Bhavan.</li> <li>3. Postman, L. &amp; Egan, J.P. (1949), reprint 2009. <i>Experimental psychology: An introduction</i>. ND: Kalyani Publication.</li> <li>4. D'Amato, M.R. (2009). <i>Experimental psychology: Methodology, psychophysics and learning</i>. N.D.: Tata McGraw-Hill.</li> <li>5. Woodworth, R.S. &amp; Schlosberg, H. (reprint 2008, 6th ed.), <i>Experimental Psychology</i>. ND: Oxford &amp; IBH Publishing Co. Pvt. Ltd.</li> <li>6. Kerlinger, F.N. (1995). <i>Foundations of behavioral research</i>. New York: Rinehart Winston. Inc. Surjeet Publications.</li> <li>7. McBurney, D.H. and White, T.L. (2007). <i>Research methods</i>. US: Cengage</li> <li>8. Anastasi, A. &amp; Urbina, S. (2009). <i>Psychological testing</i>. N.D.: Pearson Education.</li> <li>9. Myers, A. and Hansen, C. (2002). <i>Experimental Psychology</i>. U.S.: Thomson Wadsworth.</li> <li>10. Chadha N.K.(2009),<i>Applied Psychometry</i>, Sage Publication Pvt. Ltd. New Delhi.</li> <li>11. KaplanR.M.&amp;Saccuzzo D.P.(2005) <i>Psychological Testing, Principles ,Applications an Issues</i>.Sixth Ed. Cengage Learning India, Pvt Ltd.</li> <li>12. Rajamanickam, M. (2005). <i>Experimental Psychology: with Advanced Experiments</i>, Volume 1 &amp; 2. New Delhi: Concept Publishing Company.Rajamanikam Vol.2</li> </ol>		
<p><b>Suggested Journals</b></p> <ol style="list-style-type: none"> <li>1. .Psychological Studies</li> <li>2. .Journal of Applied Psychology</li> </ol>		
<p><b>Web sites :</b></p> <ol style="list-style-type: none"> <li>1. Jstor.com</li> <li>2. science direct.com</li> </ol>		