

SARDAR PATEL UNIVERSITY
Programme: BA (Psychology)
Semester: V
Syllabus with effect from: June 2013

Paper Code: UA05CPSY11	Total Credits: 3
Title Of Paper: Experimental Psychology theory – I	

Unit	Description in detail	Weightage (%)
1	Basics Concepts of Experimental methods: Definition of Experiment, Nature of Experiment Definition of variables, types of variables, (Independent, Dependent and control/relevant variables) scientific attitude, Experimental group and Control group, Control in Experiment,	
2	Psychophysics Methods: What is psychophysics? Problem of psychophysics The basic concepts of psychophysics, -Sensitivity (Absolute Sensitivity, Difference Sensitivity) Threshold (Absolute Threshold, Difference Threshold)Point of Subjective Equality (P.S.E.) Error in Experiment(Variables error & Constant error) methods in psychophysics, methods of minimum change, method of constant stimuli, method average error, methods of paired comparison, methods of rating	
3	Visual Perception: Definition of perception, Figure and background Perception of space, Perception of distance and Depth , perception of size , perception of form , perception of movement - physical and perceived Error in perception, theories of illusion, Measurement of illusion and use of illusion,	
4	Emotion: Definition of Emotion, Expression of Emotion, Physiological changes in emotion, Study methods of Emotion- method of impression and method of expression of emotions. Emotion control, identifying the Emotion from facial expression	

Basic Text & Reference Books:

- Collins M.and Drever J. (1949) : Experimental Psychology. Matheun & Co.Ltd., London.
- D 'Amato M. R. (1976): Experimental Psychology: Methodology Psychophysics and Learning. New York - Tokyo, McGraw Hill Kogakusha .
- Postman L. and Egan J. (1949): Experimental Psychology. (Harper) & Row
- Underwood B. J. (1949): Experimental Psychology - An Introduction. New York: Appleton Country Crofts Indian Reprint. The Finances of India Press - 15.
- Woodworth R. S. & Schosberg H. (1938): Experimental Psychology. New York.
- Anderson John R. (1980) Cognitive Psychology: and its implications. IInd edition
- પાઠ્યોગ્યક મનોવિજ્ઞાન [જેમ્સ કોલ્લિન્સ અને ડ્રેવર દ્વારા] આંધ્ર પ્રદેશ અમદાવાદ
- પાઠ્યોગ્યક મનોવિજ્ઞાન સી.સી.વુડવર્થ દ્વારા અભિવ્યક્તિ અને અભિવ્યક્તિ અમદાવાદ
- પાઠ્યોગ્યક મનોવિજ્ઞાન એ.એમ.એન.મી.લેક, ગાંધી, વડોદરા, જાન્યુઆરી ૧૯૮૧ સી.જી.નંદાસ પ્રોપ્રાઇટ અમદાવાદ

