



Symbiosis College of Arts and Commerce

(An Autonomous College Affiliated to University of Pune)

Subject code		Semester	I	II	III	IV	V	VI	M.A.	I	II	III	IV
Title of Subject (For MA Part-I as per the approval of BOS)		PSYCHOLOGY PRACTICAL: EXPERIMENTS											
Objectives	To acquaint the students with: 1. The different areas of experimentation in psychology, 2. Various skills of conducting experiments in psychology, 3. Applications of experimental design, 4. Report writing style.												
Detailed syllabus													
Unit	Contents of the syllabus												
1	COGNITIVE PROCESSES (ANY 3): 1. Signal Detection - ROC 2. Perceptual Defence 3. Concept Formation 4. Problem Solving 5. Study of Mental Imagery 6. Peterson's Test of Rational Learning 7. Stroop Effect in Visual Perception 8. Effect of feedback on Illusion 9. Time perception												
2	LEARNING (ANY 3): 1. Learning by Insight (Bolt Head Maze) 2. Interference : Retroactive / Proactive 3. Paired Associate Learning 4. Serial Learning 5. Verbal Conditioning 6. Transfer of training in maze learning (Finger Maze with two Subjects)												
3	MEMORY (ANY 2): 1. Short Term Memory 2. Effect of Mnemonic Strategy on Memory 3. Immediate Memory Span: Meaningful Vs. Meaningless Material 4. Organization in Memory 6. Memory for Unattended Material 7. Memory for Associated and Un-associated Pairs of Words												
4	MOTIVATION AND EMOTION (ANY 2): 1. Zeigarnik Effect 2. Effect of Anxiety on Performance 3. Knowledge of Result 4. Goal Setting 5. Level of Aspiration- Steadiness Tester or Tower Building Blocks												



Books for Reading:

1. Rajamanickam, M. (2005). *Experimental Psychology: with Advanced Experiments*, Volume 1 & 2. New Delhi: Concept Publishing Company.
2. Mohsin, S. M. (1975). *Experiments in psychology*. Orient Longman.
3. Mohanthy. *Experiments in psychology*.
4. Parameshwaran, E. G. & Rao, B. T. (1968). *Manual of experimental psychology*. Bombay: Lalvani Publishing House.
5. Tinker, M.A. & Russell, W.A. *Introduction to methods in experimental psychology*. Appleton – Century Crofts.
6. Jalota, S. (1962). *Experiments in psychology*. Asia Publishing House.
7. Galloti, K. M. (2004). *Cognitive psychology in and out of the laboratory*. USA: Thomson Wadsworth.
8. Sternberg, R.J. (1996). *Cognitive psychology*. NY: Harcourt Brace College Publishers.
9. Guenther, R.K.(1998). *Human cognition*. NJ: Prentice-Hall.
10. Baker, L.M., Weisiger, C. & Taylor, M.W. (1960). *Laboratory experiments in general psychology*. Oxford Univ. Press.
11. Berkowitz, L. (1974). *Advanced experimental social psychology*. Academic Press.
12. Debold, R.C. (1968). *Manual of contemporary experiments in psychology*. Prentice-Hall.
13. Fergusson, E. D. (1976). *Motivation: An experimental approach*. Holt Rinehart & Winston.
14. Friedenber, J., Silverman, G. (2006). *Cognitive science: An introduction to the study of mind*. London: Sage Publications.
15. Collins, M. & Drever, J. (1930). *Experimental Psychology*. London: Methuen & Co. Ltd.
16. Snodgrass J. G., Levy-Berger, Hyden (1985). *Human Experimental Psychology*. New York: Oxford University Press.
17. Kuppuswamy, B. (1952). *Elementary Experiments in Psychology*. London: Oxford University Press.
18. Nunn, J. (1998). *Laboratory psychology: A beginner's guide*. Hove: Psychology Press Ltd.
19. Kothurkar, V.K. (1985). *About learning and memory*. ND: Wiley Eastern.

Suggested Journals

1. Journal of experimental Psychology
2. Journal of Cognitive Psychology
3. Personality and Individual Differences

Web sites :

1. www.apa.org

