

COURSE TITLE	PRACTICALS
COURSE CODE	10PY0805
COURSE CREDITS	4

Objective:

- 1 To acquaint students with the practical application of different tests and experiments.
- 2 To gain practical experience in the standardised administration, scoring, and preliminary interpretation of a range of commonly used psychological tests.
- 3 To develop proficiency in applying diverse psychological assessment techniques and interpreting the resulting data ethically and contextually.

Course Outcomes: After completion of this course, student will be able to:

- 1 Demonstrate competence in the administration, scoring, and interpretation of standardized psychological tests such as intelligence, personality, and value assessments.
- 2 Apply theoretical understanding to conduct psychological experiments in areas including perception, learning, and cognition, and analyze experimental results with scientific rigor.
- 3 Evaluate psychological profiles and data using ethical guidelines, with sensitivity to individual differences and sociocultural contexts.
- 4 Integrate psychometric knowledge and research principles to critically assess the reliability, validity, and applicability of psychological tools and findings in real-world scenarios.

Pre-requisite of course: Foundational knowledge of core psychological principles and research Knowledge of psychometric theory and ethical considerations in psychological assessment.

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
3	1	0	50	30	20	0	0

Contents : Unit	Topics	Contact Hours
1	Tests/ Inventories Standard Progressive Matrices - J.C. Raven, Eysenck's Personality Inventory (EPQ-R) - Hans Eysenck, Thematic Apperception Test - Uma Chowdhury, Study of Value Test R.K. - Ojha and M. Bhargava, Sinha's Comprehensive Anxiety Test - AK Sinha & LN Sinha, Emotional Intelligence Inventory - Dr. SK Mangal & Shubra Mangal, David's Battery of Differential Abilities - Sanjay Vohra, NEO-PI-3 - Robert R. McCrae, Paul T. Costa, Jr., and Thomas A. Martin, Seguin Form Board - Eduard Seguin, Malin's Intelligence Scale for Indian Children - Arthur J. Malin	20

Contents : Unit	Topics	Contact Hours
2	Experiment Bhatia's Battery of Performance :Test of Intelligence, Muller-Lyer Test : Perception - Illusion, Reaction Time – Electronic Chronoscope Reaction Time, Mirror Drawing Bilateral Transfer (Learning), Maze learning Insight Learning, Stroop Test (Congruent and Incongruent List) Cognitive interference- the Stroop Effect, Verbal Conditioning Operant Conditioning, Wisconsin Card Sorting Test Concept Formation	25
Total Hours		45

Suggested List of Experiments:

Contents : Unit	Topics	Contact Hours
1	Issues related to Practical Issues related to Practical	15
Total Hours		15

Textbook :

- 1 Psychological testing and assessment: An introduction to tests and measurement, Cohen, R. J., & Swerdlik, M. E., McGraw Hill., 2018
- 2 Manual for Emotional Intelligence Inventory. , Mangal, S. K., & Mangal, S., National Psychological Corporation., 2004
- 3 Performance Test of Intelligence., Bhatia, C. M., Oxford University Press, 1995
- 4 Eye and Brain: The Psychology of Seeing, Gregory, R. L., Princeton University Press., 1997

References:

- 1 Raven's Progressive Matrices: Manual., Raven's Progressive Matrices: Manual., Raven, J. C., Oxford Psychologists Press., 2000

Suggested Theory Distribution:

The suggested theory distribution as per Bloom's taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery					
Remember / Knowledge	Understand	Apply	Analyze	Evaluate	Higher order Thinking / Creative
10.00	15.00	20.00	20.00	20.00	15.00