

ASSOCIATE DEGREE IN ARTS / SCIENCE

Applied Psychology-I

Total Mark: 100

Appendix 'A'

(Outlines of Tests)

Paper-A:	Basic Concepts in Psychology (Written)	:	80 Marks
Paper-B:	Experiments in Psychology (Practical)	:	20 Marks

Appendix 'B'

(Syllabi and Courses of Reading)

Paper-A: Basic Concepts in Psychology

80 Marks

1. Introduction to Psychology:

Definition; Brief historical background and schools of Psychology; Careers & Specialization in Psychology.

2. Research Methods in Psychology:

Observation (Naturalistic and Field study); Case history. Experimental Method, Survey; Interview.

3. Statistical Analysis in Psychology:

Definition and Importance of Statistics in Psychology

Graphic Representation

Measures of Central Tendency: Mean Median and Mode.

Measures of variability: Standard deviation

Correlation: Pearson Product-moment & Rank Order.

4. Biological Basis of Behavior:

Brain Structure and Functions, Nervous System, Neurons, Parts of Nervous System; Endocrine glands.

5. Sensation and Perception:

Sensation: Characteristics of Sensation. Visual Sensation: Structure and Functions of the eye, Auditory Sensation Structure and Functions of the ear

Perception: Factors in perception, types of perception, perceptual organization; perceptual problems illusions and Hallucinations.

6. Motivation:

Definition and Classification; Primary (Biogenic) Motives Secondary Motives; intrinsic and Extrinsic Motives; Intrinsic and Extrinsic Motivation; Theories of Motivation.

7. **Emotion:**
Definition; Components of Emotion; Theories of Emotion. Expression of Emotions and Psychological Well being.
8. **Learning and Conditioning:**
Definition and Types; Classical and instrumental conditioning; Learning through Imitation; Cognitive learning.
9. **Memory:**
Definition; Types of Memory; Models of Memory; Memory Processes: Retention, Recall, Recognition and Retrieval; Forgetting, Theories of Forgetting; Improving Memory; Mnemonics.
10. **Thinking:**
Definition; Types (Realistic Autistic thinking, Creativity, problem solving); Tools of Thinking; Imagery; Language; Concepts.
11. **Intelligence:**
Definition; Theories of Intelligence; Assessment of Intelligence
12. **Personality:**
Definition; Theories of Personality, Assessment of Personality

Paper-B: Experiments in Psychology (Practical)

20 Marks

Practical Note Book:	05 Marks
Practical Examination:	10 Marks
Viva Voce:	05 Marks

1. List of Experiments:

1. Muller-Lyer Illusion
2. Transfer of Training
3. Memory using Meaningful vs Nonsense Syllables
4. Size Constancy
5. Personality Assessment (Projective technique)
6. Retroactive Inhibition vs Proactive Inhibition
7. Reaction Time
8. Maze Learning

Recommended Books:

- Smith, E. E., Nolen-Hoeksema, S., Fredrickson, B. L. & Loftus G. R. (2003). *Introduction to Psychology*. USA: Thomson Learning.
- Passer, M. W. & Smith, R. E. (2007). *Psychology: The Science of Mind and Behavior*. New York, NY: McGraw-Hill.
- Myers, D. G. (2001). *Psychology* (6thed.). USA: Worth Publishers.
- Breakwell, G. M., Smith, J. A. & Wright, D. B. (2012). *Research Methods in Psychology*. London: SAGE Publications.
- Carlson N. R- (2005). *Foundations of Physiological Psychology*. (6thed.). India: Pearson Education.
- Blake, R. & Sekuler, R. (2006). *Perception* (5thed.). USA: McGraw-Hill.
- Domjan, M. (2005). *The Essentials of Conditioning and Learning*. (3rded.). Belmont, CA: Wadsworth.
- Wilson, B. A. (2009). *Memory Rehabilitation: Integrating Theory and Practice*. New York, NY: The Guilford Press.
- Eysenck, M. W. & Keane M. T. (2005). *Cognitive Psychology: A Student's Handbook*, New York, NY: Psychology Press.
- Pervin, L. A., Cervone, D. & John, O. P. (2005). *Personality: Theory and Research*. USA: John Wiley & Sons.
- Moore, D. S. (2000). *The Basic Practice of Statistics*. (2nded), USA: Freeman and Company.
- Feldman, R. S. (2000). *Essentials of Understanding Psychology*. (4thed.). Boston: McGraw Hills Higher Education.
- Gray, P. (2002). *Psychology* (4thed). U S A. Words Worth Publishers