

SRI VENKATESWARA UNIVERSITY – TIRUPATI

B.Sc. DEGREE COURSE IN PSYCHOLOGY

(Effective from the Academic Year 2024-25)

MINOR – III SEMESTER

COGNITIVE PSYCHOLOGY

Unit-I - Introduction

- a) Definition, history, nature and scope of cognitive psychology
- b) History of Cognitive Psychology

Unit-II - Memory and Forgetting

- a) Types of Memory- Iconic, Echoic, Episodic, Symantec; Methods of measuring memory- Recall, Recognition, Relearning or Savings method
- b) Models of memory- Information processing model of memory-LTM and STM,
- c) Forgetting- Definition, Causes of forgetting, Methods of improving memory, Ebbinghause - Curve of Forgetting

Unit-III - Learning

- a) Meaning, Definition and Nature of Learning,
- b) Types of learning-Conditioned Learning-Classical and Operant, trial & error, insight, Observational learning
- c) Efficient methods of learning- Massed vs Spaced, Whole vs Part, Meaningful learning, Consolidation, Level of aspiration.

Unit-IV - Thinking and Reasoning

- a) Definition and Types of thinking, Tools of thinking - Images, Concepts and Language
- b) Reasoning - Types of reasoning, Problem Solving- Stages of problem solving, Strategies for problem solving, Problems in problem solving- Mental Set, Functional Fixedness
- c) Creative Thinking- Definition, Characteristics of creative people, Stages in creative thinking.

Unit-V - Intelligence

- a) Definitions and Nature, Measurement of intelligence - Concept of IQ
- b) Classification of Intelligence, Types of intelligence tests,
- c) Theories of Intelligence- Spearman's two factor theory, Thurstone's theory of Primary Mental Abilities and Gardeners theory

Practicum:

Any 4 practicum pertaining to the syllabus

1. Span of memory
2. Memory recognition
3. Maze learning
4. RPM
5. Any other relevant experiments

References :

1. Eysenck & Kean-Cognitive Psychology (2014). Psychology Press, New York
2. Solso-Cognitive Psychology (2017). Pearson Education India
3. Atkinson & Hilgard(2003)-Introduction to Psychology, ThomsonWoodworth, 14th Edition.
4. Baron. R.A. psychology (2001). Pearson Educational Inc. New Delhi.