

## Paper-IX Cognitive Psychology (Optional)

### Main Objectives :

- To Provide students perspectives on cognitive psychology.
- To Familiarize the students with cognitive processes.

### The Scheme of question paper :

- The paper will consist of Five Units.
- There will be two chapters in each unit.
- Every chapter will be given equal weightage in Examination.
- To the marks :
  - 70 External
  - 30 Internal
- The Paper will consist of the following five units :

Units	Topic of Unit	Marks of Unit
1	Cognitive Psychology, History, Methods & Basic Processes	14
2	Attention & Memory	14
3	Use & Manipulation of Information & Thinking of Problem Solving	14
4	Reasoning & Making Decision	14
5	Cognitive Development & Individual & Gender Differences	14
	<b>Total Marks</b>	70

### Unit-I Cognitive Psychology, History & Methods of Cognitive Psychology & Basic Processes

#### Chapter-1 History : Brief History of the Study of the Cognitive

- Methods
- Naturalistic Observation
- Introspection
- Experiments
- Quasi Experiments

#### Chapter-2 Basic Processes Gestalt Approach to Perception

- Bottom up processes
- Top Down Processes
- Disruption in Perception

### Unit-II Attention & Memory

#### Chapter-3 Paying Attention

- Selective Attention
- Divided Attention

#### Chapter-4 Retrieving Memory

- The Traditional view of Long Term Memory
- Reconstructive Nature of Memory
- Amnesia

### **Unit-III Uses Manipulation of Information & thinking & Problem Solving**

#### **Chapter-5 Language**

- Structure
- Comprehension & Problem
- Languages Cognition

#### **Chapter-6 Thinking & Problem Solving**

- Classical Methods & General Methods Solution
- Finding Creative Solution
- Critical Thinking

### **Unit-IV Reasoning & Making Decision**

#### **Chapter-7**

- Types of Reasoning
- Three Approaches to study Reasoning

#### **Chapter-8**

- Phases of Decision making
- Cognitive Illusions in Decision Making
- Improving Decision Making

### **Unit-V Cognitive Development & Individual & Gender Differences in Cognition**

#### **Chapter-9 Cognitive Development Through Adolescence**

- Piaget Theory
- Some Post Piaget Answers to Question 'What Develops?'

#### **Chapter-10 Individual & Gender Differences in Cognition**

- Individual Differences in Cognition
- Gender Differences in Cognition

### **BASIC BOOKS**

- (1) Kathleen M. Gallotti "Cognitive Psychology (2006) Thomson Business Information Pvt. Ltd., India"