

## **Syllabus for Uchcha Madhyamic Paper II STET 2023**

**UNIT I Subject -----Psychology**

**100 Marks**

### **Unit-1**

1. Nature Scope and sub fields of Psychology
2. Perspective of Psychology
3. Methods-Introspection, Observation, Case study, Survey and Experimental method
4. Nature of perception-Gestalt Theory of perception, factors of perception
5. Depth perception, Monocular and Binocular cues
6. Attention: Meaning, Types of Attention, factors of attention

### **Unit-2**

1. Learning: Meaning, Types of Learning
2. Theories of Learning: Classical conditioning, Instrumental conditioning, Observational learning, Insight theory, Tolman's Cognitive Theory
3. Memory: Nature, Types of Memory: Sensory memory, short term memory and long term memory.
4. Models of memory : Information processing model, Levels of processing model, Parallel distributed model
5. Forgetting: Nature, Forgetting curve, Determinants of forgetting: Theories of forgetting.

### **Unit-3**

1. Motivation: Nature, Types of Motivation
2. Theories of Motivation : Maslow, Herzberg, McClelland, Vroom's ERC, Drive reduction, Arousal Theory
3. Emotion: Nature, types, Bodily changes in emotion.
4. Theories of emotion: James-Lange Theory, Cannon-Bard Theory, Schachter-Singer Theory.

### **Unit-4**

1. Thinking: Meaning, Nature and tools of thinking, types of thinking.
2. Problem solving: Meaning and Strategies-Trial and error, Algorithm Heuristic and insight, barriers to problem solving, reasoning.
3. Creativity: Nature, Stages and factors
4. Intelligence: Nature, types and measurement of Intelligence.
5. Theories of Intelligence: Spearman, Thurstone, Gardner, Guilford and Sternberg
6. Emotional Intelligence

### **Unit-5**

1. Personality : Meaning, nature and determinants of personality
2. Approaches to personality-Type and Trait approach, personality measurement.
3. Theory of personality : Freud, Neo Freudian, Cattell, Allport, Murray, Social cognitive theory, Big – five theory
4. Stress: meaning and nature causes, effect of stress, coping strategies.
5. Theories of stress-Cannon, Selye, Lazarus.

### **Unit-6**

1. Psychological Disorders : Anxiety disorder, GADhobia, Obsessive-compulsive disorder
2. Post traumatic stress disorder, Mood disorder (manic and depressive)
3. Personality disorder
4. Schizophrenia

### **Unit-7**

1. Mental retardation
2. Autism disorder
3. Attention deficit hyperactive disorder
4. Conduct disorder
5. Somatoform disorder hypo chondriasis and conversion disorder.

### **Unit-8**

1. Neuron: structure function and types, electrical activity of neuron, resting, graded and action potentials.
2. Synapse and Synaptic transmission, Neuro transmitters.
3. Nervous system- Central NS and peripheral NS- Structure and functions.
4. Lobes and functions- Frontal, Temporal, Occipital and Parietal.
5. Endocrine Glands- Types and Functions.

### **Unit-9**

1. Social Perception- Meaning, Verbal and Non-verbal eyes of Social Perception.
2. Impression formation & Management.
3. Social Cognition- Social Loafing and Social Facilitation.
4. Social Influence- Conformity, Compliance and Obedience.
5. Inter Personal Attraction- Meaning and factors of Inter personal attraction.
6. Social Tension- Types, Causes and Reduction.

### **Unit-10**

1. Group: Kinds of Groups, Formation and Functions of Group.
2. Leadership- Nature Type and functions of leader.
3. Prejudice: Determinants and Reduction
4. Attitude: Nature, Components, Formation and change of Attitude.
5. Balance Theory and Cognitive Dissonance Theory of Attitude Change.

6. Measurement of Attitude- Thurstone and Likert Scales.
7. Prosocial Behaviour- Nature and Determinants.
8. Aggression- Nature, Causes and Control.

### **Unit-11**

1. Industrial Psychology- Meaning, Nature, Evolution (Classical and Neo-Classical era)
2. Motivation- Meaning, Nature, Theories of work motivation.
3. Leadership- Meaning, Theories- Trait Theory, Behaviour Theory, Transactional and Transformational Leadership Model, Types of Leadership and function of leader.
4. Communication: Meaning, Process, Types, Factors and Barriers of effective Communication
5. Fatigue and Monotony: Nature, Causes and Methods of Reducing Fatigue and Monotony.
6. Accidents: Meaning Causes and prevention of Industrial Accidents, Accident proneness.
7. Job Satisfaction- Meaning, Factors and Impact.

### **Unit-12**

1. Clinical Psychology: Clinical assessment and techniques: Interview: observation, case study.
2. Tests : MMPI, 16 PF, EPQ
3. Projective tests – TAT: Rorschach Ink blot test
4. PsychoTherapeutic techniques: Psychoanalytic technique Behaviour Therapy Group Therapy, Family Therapy.
5. Cognitive- behaviour Therapy: Rational Emotive Therapy : Beck's Therapy
6. Client Centred Therapy
7. Role of clinical Psychologists in different fields – mental hospital child guidance, school, industry etc.

### **Unit-13**

1. Education Psychology: Methods- Rating, Ranking case study and Interview.
2. Measurement of Intelligence, Aptitude and Achievement.
3. Learning: Formal & Non-formal: Role of motivation in Learning, Incentives.
4. Examination- Essay-types and objective types.
5. Exceptional children: meaning characteristics and types.
6. Educational Guidance and counsellings and Meaning Uses and Methods
7. Effective teaching: Characteristics, Methods

### **Unit-14**

1. Research Methodology: Scientific Research, Nature: Characteristics and steps.

2. Research Problem: Meaning sources and characteristics: Variables: Meaning and types : Hypothesis : Meaning types and characteristics.
3. Sampling: Probability and Non-probability sampling
4. Data collection technique: Interview Questionnaire, tests and scales.
5. Types of Research-Experimental and Non-experimental.

### **Unit-15**

1. Fundamentals of statistics: Levels of measurement-Nominal Ordinal, Interval & Ratio.
2. Measures of Central Tendency: Mean, Median and Mode.
3. Variability-QD,SD & AD.
4. Correlation-Meaning Types & calculation
5. t-test, concept, uses & calculation
6. Non-Probability curve; characteristics and application.
7. Chi-square

## **Syllabus for Art of Teaching and Other Skills STET 2023**

<b>Unit II Art of Teaching, Other skills</b>	<b>Marks 50</b>
<b>(A) Art of Teaching</b>	<b>Marks 30</b>
<b>(B) Other skills</b>	<b>Marks 20</b>

### **A. Art of Teaching**

1. Teaching & Learning:- Meaning, Process & Characteristics.
2. Teaching Objectives and Instructional objectives: Meaning & Types, Blooms Taxonomy.
3. Teaching Methods: - Types and its Characteristics, Merit, and demerits of Methods.
4. Lesson Plan: - Types and Format & Various Model.
5. Microteaching & Instructional analysis.
6. Effective ecosystem of Classroom.
7. Textbook and library
8. Qualities of Teacher.
9. Evaluation & Assessment for learning.
10. Curriculum.
11. Factors affecting teaching and learning.
12. Teaching Aids and Hands on learning.

### **B. Other skills**

1. General Knowledge,
- 2.Environmental Science
3. Mathematical aptitude,
- 4.logical Reasoning