

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 cues 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

Unit II Art of Teaching, Other skills

Marks 50

(A) Art of Teaching

Marks 30

(B) Other skills

Marks 20

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