

# HARYANA PUBLIC SERVICE COMMISSION

BAYS NO. 1-10, BLOCK-B, SECTOR - 4, PANCHKULA


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The Commission invites online applications from eligible candidates for the posts of **Post Graduate Teachers (PGTs) in various subjects for Rest of Haryana Cadre and Mewat Cadre, for which the guidelines / steps for submission of online application form by the candidates are as under:-**

1. Candidates have to compulsorily register online by visiting [regn.hpssc.gov.in](http://regn.hpssc.gov.in) directly OR through <http://hpssc.gov.in> for submitting their online application form.
2. After registration, a login ID would be created and the candidates will have to complete the registration process by using the login ID.
3. Parivar Pehchan Patra (PPP), Aadhar No. & Virtual ID (VID) is required for Aadhar authentication during Biometric attendance
4. After completion of registration, the candidates can apply against the respective advertisement as per their qualifications.
5. Duly filled application form can be submitted only after payment of requisite fee.
6. After making payment, the candidates have to take a printout of their application form and upload the same after duly checking & signing it.
7. Application process would be completed only after submission of duly signed application form by the candidates.

For more information, log on to <http://hpssc.gov.in>

  
23/7/2024

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Haryana Public Service Commission  
Panchkula

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PSYCHOLOGY

Annexure - XVI

**1. Perceptual Processes**

Approaches to the Study of Perception : Gestalt and physiological approaches.

Perceptual Organization : Gestalt, Figure and Ground, Laws of Organization.

Perceptual Constancy : Size, Shape and Brightness, Illusion; Perception of Depth and Movements.

Role of motivation and learning in perception.

Signal detection theory, subliminal perception and related factors, information processing approach to perception, culture and perception, perceptual styles. Ecological perspective on perception.

**2. Learning Process**

Instrumental learning : Phenomena, Paradigms and theoretical issues.

Reinforcement: Basic variables and schedules.

Verbal learning : Methods and materials, organizational processes.

Learning theories : Hull, Tolman, Skinner.

Cognitive approaches in learning: Latent learning, observational learning.

Experimental analysis of behaviour : Behaviour modification, shaping Discrimination learning.

**3. Memory and forgetting**

Memory Processes : Encoding, Storage, Retrieval.

Stages of Memory : Sensory memory, Short - term Memory ( STM ) and Long - term Memory ( LTM ).

Episodic and Semantic memory.

Theories of Forgetting : Interference, decay, retrieval.

Models of memory : Atkinson and Shiffrin, Craik and Lockhart, Tulving.

Semantic memory : Episodic, trace model and network model

Long - term memory : Retrieval cues, flashbulb memory, constructive processes in memory, eyewitness testimony, autobiographical memory.

Improving memory : Strategies.

**4. Thinking and Problem Solving**

Theories of thought processes : Associationism, Gestalt, Information processing.

Concept formation : Rules and strategies.

Reasoning : Deductive and inductive.

Problem - Solving : Type and strategies.

Role of concepts in thinking.

Cognitive Strategies : Algorithms and heuristics.

  
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Convergent and divergent thinking.

Decision – making; impediments to problem – solving.

Creative thinking and problem – solving.

Language and thought.

## 5. Motivation and Emotion

Basic Motivational Concepts : Instincts, needs, drives, incentives, motivational cycle.

Approaches to the Study of Motivation : Psychoanalytical, ethological, S – R Cognitive, humanistic.

Biological Motives : Hunger, thirst, sleep and sex.

Social Motives : Achievement, affiliation, approval

Exploratory behaviour and curiosity

Physiological correlates of emotions.

Theories of emotions : James – Lange, Canon – Bard, Schachter and Singer

Conflicts : Sources and types.

Historical antecedents of motivation from Mechanism to Cognition.

Cognitive bases of motivation : Intrinsic motivation, Attribution, Competence.

Cross – cultural perspectives of motivation : Achievement, Aggression.

Components of Emotion : Physiological, expressive and cognitive.

Neural mechanism of emotion : Central and peripheral.

Current theories of emotions and facial feedback hypothesis.

Stress and coping : Reactions to stress, outcomes of stress

## 6. Human Abilities

Intelligence : Biological, Social, Eco – cultural determinants.

Theories of intelligence : Spearman, Thurston, Guilford.

Measurement of human abilities.

Theories of intelligence : Cattell, Jensen, Sternberg Goleman.

Creativity : Views of Torrance, Getzels, Guilford.

Intelligence and creativity : Relationship.

Abilities and achievement : Concept and role of emotional intelligence.

## 7. Personality

Determinants of personality : Biological and socio – cultural.

Approaches to the study of personality : Psychoanalytic, neo – freudian, social learning, trait and type, cognitive.

Personality Assessment : Psychometric and projective tests.

Self – Concept : Origin and development.

Clinical and growth approaches to personality.



Existential and humanistic theories of personality : Frankl, Rollo May, Maslow, Rogers.

Personality assessment : Projective, psychometric and behavioural measures.

Psychology of self : Western and Eastern perspectives, measurement of self.

### 8. Research Methodology

Research problems, hypothesis, variables and their operationalization

Types of psychological research.

Methods of Psychological Research : Experimental, Quasi – experimental, case studies, field studies and cross – cultural studies.

Methods of data collection : Observation, interview, questionnaire, tests and scales. Non – parametric tests

### 9. Measurement and Testing

UGC NET Test Construction : Item writing, item analysis.

UGC NET Test Standardization : Reliability, validity and norms.

Types of Tests: Intelligence, aptitude, personality – characteristics and important examples.

Attitude scales and interest inventories.

Educational measurement and evaluation.

Psychological scaling : Purpose and methods.

Sources of bias in psychological testing.

Ethical issues in psychological testing.

### 10. Biological Basis of Behaviour

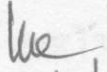
Receptors, effectors and adjuster mechanisms.

Neural impulse: Origin, conduction and measurement.

Sensory system: Vision and Audition.

Ingestive Behaviour: Drinking and its neural mechanism; hunger and its neural mechanism.

Endocrine System: Chemical and glandular.

  
28/7/2019  
Secretary  
Haryana Public Service Commission  
Panchkula