Recruitment Rules for the Post of Senior Scientific Officer.

(Tripura State Forensic Science Laboratory, Under The Home Department, Govt. of Tripura)
NOTIFICATION

In exercise of the power conferred by proviso to article 309 of the Constitution of India, the Governor of Tripura in consultation with the Tripura Public Service Commission is hereby pleased to make the following rules regulating the method of recruitment to the post of Senior Scientific Officer (Lie Detection Division), Group-A, Gazetted of Tripura State Forensic Science Laboratory under the Home Department, namely:-

1. **Short title & commencement**:-
   (1) These rules may be called “Recruitment Rules, 2020” for the post of Senior Scientific Officer (Lie Detection Division), Group-A, Gazetted of Tripura Forensic Science Laboratory under Home Department.
   (2) They shall come into force on the date of their publication in the Official Gazette.

2. The name of the post(s) shall be as specified in Column-1 of the Schedule annexed hereto.

3. **Number, Classification and scale of pay**:-
   The number of the said post, its classification and the scale of pay attached thereto shall be as specified in Column-2 to 4 of the Schedule annexed hereto.

4. **Method of recruitment, age limit, qualifications etc.**:- The method of recruitment to the said post, age limits, qualifications and other matters relating to the said post shall be as specified in column-5 to 13 of the said schedule.

5. **Disqualification** No person-
   (a) who has entered into or contracted a marriage with a person having spouse living;
   OR
   (b) who, having a spouse living, has entered into or contracted a marriage with any person, shall be eligible for appointment to the said post:-

   Provided that the State Government may, if satisfied that such marriage is permissible under the personal law applicable to such person and the other party to the marriage and that there are other grounds for so doing, exempt any person from the operation of this rules.
6. **Power to relax:** Where the State Government is of the opinion that it is necessary or expedient to do so, it may, by order, for reasons to be recorded in writing and in consultation with the Tripura Public Service Commission, may relax any of the provisions of these rules with respect to any class or category of persons.

7. **Saving:** Nothing in these rules shall affect reservations, relaxation of age limit and other concessions required to be provided for Scheduled Castes, the Scheduled Tribes, Ex-servicemen and other special categories of persons in accordance with the orders issued by the State Government from time to time in this regard.

8. **Interpretation:** If any question arises relating to the interpretation of these rules, it shall be referred to Home Department, Government of Tripura, whose decision thereon shall be final.

By order of the Governor,

(A. Deb)

Deputy Secretary to the
Government of Tripura
Recruitment Rules for the post of Senior Scientific Officer (Lie Detection Division) of Tripura State Forensic Science Laboratory under Home Department, Government of Tripura

**Schedule**

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<tr>
<td>1.</td>
<td>Name of the post(s):</td>
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<td>2.</td>
<td>Number of post(s):</td>
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<tr>
<td>4.</td>
<td>Scale of pay:</td>
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<tr>
<td>5.</td>
<td>Method of recruitment whether: by direct recruitment or by promotion or by deputation/transfer and percentage of the vacancies to be filled by various methods:</td>
</tr>
<tr>
<td>6.</td>
<td>Age limit for direct recruitment:</td>
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</tbody>
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| 7. | Educational and other qualifications required for direct recruitment: | **Essential:-** Post Graduate degree in Psychology with 50% marks. 
Or 
Post Graduate Degree in Forensic Psychology with 50% marks from any recognized University. 
**Desirable:-** Two years research experience in the field of Psychology/Forensic Psychology. |
<p>| 8. | Whether age and educational qualification prescribed for direct recruitment will apply in case of promotees: | Not applicable |
| 9. | Whether Selection post or Non-Selection Post: | Selection |
| 10. | Period of probation, if any: | 2(two) years. |
| 11. | In case of recruitment by promotion/deputation/transfer/Grade from which promotion/deputation is | Transfer on deputation:- From analogous post of State/Central Government Department. |</p>
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<th>to be made.</th>
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<td>12.</td>
<td>If a D.P.C exists, what is its composition:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>13.</td>
<td>Circumstances in which TPSC is to be consulted in making recruitment.</td>
<td>As required under Tripura Public Service Commission (Exemption from Consultation) Regulations, 1973.</td>
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By order of the Governor,

[Signature]

(A. Deb)

Deputy Secretary to the
Government of Tripura
Annexure-A

SCHEME OF EXAMINATION FOR THE POST OF SENIOR SCIENTIFIC OFFICER (LIE DETECTION), STATE FORENSIC SCIENCE LABORATORY, TRIPURA

Full marks: 200

(Marks allotted for Interview=20 & Marks allotted for written Test= 180)

Pattern of questions for written Test: Multiple Choice Question (MCQ)

There will be Negative mark for MCQ.

Distribution of marks for written Test:

<table>
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<tr>
<th>Sl. No.</th>
<th>Items</th>
<th>Marks allotted</th>
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<tbody>
<tr>
<td>1</td>
<td>English Language</td>
<td>30</td>
</tr>
<tr>
<td>2</td>
<td>General knowledge</td>
<td>30</td>
</tr>
<tr>
<td>3</td>
<td>Subject matter</td>
<td>120</td>
</tr>
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(1) Syllabus for English Language: Question on English language will cover Synonyms, Antonyms, use of common Phrase & Idioms, use of appropriate Prepositions and Articles, Comprehension, Ordering of words in a sentence, Ordering of sentences, spotting of errors, use of appropriate and qualifying words etc.

(2) Syllabus for General Knowledge: General knowledge with special reference to Tripura and North Eastern States

(3) Syllabus for Subject Matter (Lie Detection):

Learning: Classical conditioning, Operant conditioning, observational learning, cognitive learning, theories: Tolman, Seligman and Kohler

Memory: Processes of memory Encoding, storage, Retrieval, models of memory, Stages of memory: sensory memory, STM, LTM. Forgetting: Theories, improving memory

Thinking: concepts, making decisions, problem solving, Reasoning, Creative thinking

Perception: Pattern Recognition, Visual Pattern Recognition, Bottom-Up versus Top-Down processing, Template Matching, Feature Analysis, Prototype Matching, The role of the perceiver in pattern recognition

Attention: Nature of attention, Bottleneck theories of attention, Filter theory, Attenuation theory and late selection theory, Alternative to filter theories – Capacity models, demanding stimuli, and automaticity.

Emotion: Theories of emotion and Physiological changes during emotion

Personality: Theories of personality, Psycho-analytic-Freudian, Neo-Freudian, Modern Psychoanalytic theory, Behaviouristic, Humanistic,
Intelligence: Artificial intelligence, Theories of intelligence, Spearman, Gardner, Sternberg, Nature Vs. Nurture, Mental retardation, Giftedness

Physiology: Structure and function of Neuron, Structure and function of Central Nervous system, Brain and spinal cord, Structure and function of Autonomic Nervous system, Endocrine system.

Methods of studying Brain functions and cerebral localisations

Concept of cognitive Psychology: Origin and current status of modern cognitive psychology, Cognitive models, and the computer metaphor and human cognition

Neurocognition: Cognitive Psychology and Neuroscience, the nervous system- the neuron, the brain- anatomy of the brain, neuro-physiological sensing techniques, relationship between the left and right hemispheres.

Perception: (a) Perception of sensory signals, Sensation and Perception, Signal Detection Theory, Perceptual span, Iconic and Echoic Storage, Functions of Sensory stores.

Life Span Perspective on Heredity and Environment: Genetics of Life Span Development and Environmental Influences, The working of Individual heredity, Studying Genetic and Environmental influences- Genes, environment and individual differences in traits.

Development of Perceptual Processes: during Infancy, Childhood, Adolescence, and Adulthood. Development of Intelligence, Creativity and Wisdom.

Development of Learning and Memory: during infancy, childhood, adolescence and adulthood.

Development of Self and Personality: Theories of personality development (Freud and Erickson), Development of Personality through infancy, childhood, adolescence and adulthood, and development of the emotional self.


(b) t' test, product moment correlation and simple regression.

(a) One way and Two way ANOVA, Randomized block design

(b) Multiple Comparisons - (Newman – Keuls, Tukey test, scheffe test, Duncan’s Multiple Range Test.)

Rank order correlation, Sign test, Median test, Chi-square test.

Mann – Whitney ‘U’ test, Kruskal – Wallis One way ANOVA, Friedman’s Two – way ANOVA.

Perspectives of Social Psychology: Cognitive, multicultural, biological and evolutionary
Attribution: Understanding the causes of other's behaviour.

Impression formations and management: Combining and managing social information, basic aspects of social thought.

Attitude: Attitude Formation & Development; Change of Attitude, and Attitude Measurement.

Interpersonal Attraction: Interpersonal Attraction and Liking; Attachment and Interdependent Relationships

Prejudice and discrimination: (a) Definition and nature of prejudice and discrimination, how they differ, Origin of Prejudice, Prejudice based on gender- its nature & effect; (b) Countering, reducing and coping with prejudice.

Current paradigms on Psychopathology: Biological, Psychoanalytic, Humanistic, and existential, learning and cognitive

Stress: clinical reaction to stress, adjustment disorder, acute stress disorder, Dissociative disorder, treating stress related problems

Personality disorder: Eccentric behaviour, Paranoid, and schizoid personality disorder, Hysterionics and narcissistic disorder, anti-social behaviour, Treatment of personality disorder anxiety disorder


Syllabus for recruitment of Senior Scientific Officer (Lie-Detection Division), Tripura State Forensic Science Laboratory, Govt. of Tripura placed at Annexure-A have been approved by the following members of Syllabus committee.

(Dr. H.K. Pratharli) Director, State FSL Tripura Govt. of Tripura

(Dr. Subhankar Nath) Member

(Mr. Suman Kr. Chakrabarty) Dy. Director (Chemistry Divn.) State Forensic Science Laboratory Government of Tripura.

(Mr. Bapi Saha) Forensic Digital Analyst, Cyber Division, State FSL, Govt. of Tripura.

(Mr. Ajitesh Pal) Assistant Chemical Examiner to Govt. of Tripura State Forensic Science Laboratory, Tripura State Forensic Science Laboratory, Tripura State Forensic Science Laboratory.