

सी.एस.आई.आर.—हिमालय जैवसंपदा प्रौद्योगिकी संस्थान  
CSIR-INSTITUTE OF HIMALAYAN BIORESOURCE TECHNOLOGY  
पालमपुर—176 061 (हिमाचल प्रदेश) / PALAMPUR (H.P.)-176 061

संख्या: आई.एच.बी.टी.2-7 / 412 / 2020-भर्ती

दिनांक / Date : 17.03.2025

सूचना / NOTICE

**Subject :** Trade Test and written competitive examination (Paper-I, Paper-II and Paper-III) for the post of Technical Assistant in the area of Field/Plantation Crops (01-EWS), Post Code-TA-2012 advertised vide Advt. No.02/2020-Reg.

In continuation of Screening Result for the following posts which was displayed on CSIR-IHBT, website on 31.08.2023, the Trade Test followed by written competitive examination (Paper-I, Paper-II and Paper-III) for selection of suitable candidates for the following post will be conducted at this Insitute as per following schedule:-

Sr. No.	Post Code No.	Name of the Post(s)	Date of Trade Test followed by written Competitive examination (Paper-I, Paper-II & Paper-III)	Day & Time
1.	TA-2012	Technical Assistant in the area of Field / Plantation Crops (01-post-EWS)	07.04.2025	Monday, 9:00 A.M.

**Venue: CSIR-Institute of Himalayan Bioresource Technology, Palampur, Distt.: Kangra (H.P.)-176 061**

- Note: 1. The candidates who qualify the trade test will be allowed to appear in the written competitive examination (Paper-I, Paper-II & Paper-III). Paper-II & Paper-III will be evaluated only for those candidates who secure the minimum threshold marks to be determined by the Selection Committee in the Paper-I. The final merit list will be prepared only on the basis of the marks obtained by the candidates in Paper-II & Paper-III.
2. The description of the mode of examination for the aforementioned post is attached at Annexure -I & syllabus for Paper-III is attached at Annexure -II.
3. The Call letters have already been issued to all the candidates (Annexure-III) who have been found eligible to be called for Trade Test followed by written competitive examination by registered post.
4. In case any candidate did not receive his/her call letter by **28-03-2025**, he/she may contact the undersigned over the Telephone No. 01894-233339, Ext. 323 or on e-mail ID: [sorecruitment@ihbt.res.in](mailto:sorecruitment@ihbt.res.in).

*रंजीत कुमार गुप्ता*

(रंजीत कुमार गुप्ता)

अनुभाग अधिकारी / Section Officer (R&A)

टेलीफोन / Telefax: 01894-230428

ई.मेल / E-mail ID : [sorecruitment@ihbt.res.in](mailto:sorecruitment@ihbt.res.in)

प्रतिलिपि / Copy to :

1. The Head, PPME, for placement the Notice of Trade Test/written competitive examination Notice on the CSIR-IHBT, website-for general information of all concerned.

**Mode of Examination for Technical Posts in CSIR****Group III (Technical Assistant) [Erstwhile Group III(1) & III(2)]**

For these posts, there will be three papers. The second and third paper will be evaluated only for those candidates who secure the minimum threshold marks (to be determined by the Selection Committee) in the first paper.

<b>Mode of Examination</b>	OMR Based or Computer Based Objective Type Multiple Choice Examination.
<b>Medium of Questions</b>	The questions will be set both in English and Hindi except the questions on English Language.
<b>Standard of exam</b>	Diploma / Graduation Level (based on the advertised qualification of the post).
<b>Total No. of Questions</b>	200
<b>Total Time Allotted</b>	3 hours

**Paper-I (Time Allotted – 1 hour)**

Subject	No. of questions	Maximum Marks	Negative Marks
Mental Ability Test*	50	100 (Two marks for every correct answer)	<u>There will be no negative marks in this paper.</u>

\*Mental Ability Test will be so devised so as to include General Intelligence, Quantitative Aptitude, Reasoning, Problem Solving, Situational Judgment, etc.

**Paper-II (Time Allotted – 30 minutes)**

Subject	No. of questions	Maximum Marks	Negative Marks
General Awareness	25	75 (three marks for every correct answer)	One negative mark for every wrong answer
English Language	25	75 (three marks for every correct answer)	One negative mark for every wrong answer

**Paper-III (Time Allotted – 90 minutes)**

Subject	No. of questions	Maximum Marks	Negative Marks
Concerned Subject	100	300 (three marks for every correct answer)	One negative mark for every wrong answer

  
MANOJ THOMAS  
Sr. Dy. Secretary 9 APR 2018

**Syllabus for Paper-III (Concerned subject – Field/Plantation Crops)**

1. Introduction to different types of tea varieties: study and identification of different clones in tea cultivation. Nursery preparation for both seed and vegetative propagation. Land survey and land preparation, staking and planting operations of tea, drainage system followed in a tea estate.
2. Soil and climate requirements for tea cultivation – climate of tea areas, tea soils and their management (composition of soil, soil texture, soil structure, soil profile, soil depth, soil pH, soil tilth, soil temperature, soil moisture, effects of climate on soil, organic matter management, soil testing and fertility management) and water management (drainage, irrigation and drought management) in tea. Sampling of soils for testing, soil testing for pH, organic carbon content, nitrogen, phosphorus, potash and Sulphur.
3. Different methods of tea propagation, types of planting materials, vegetative propagation of clones (raising of mother bushes and clone nursery), propagation by seed (seed bari and seed nursery), silviculture of shade trees (importance of shade trees, selection of varieties and raising of shade tree nursery), Identification of temporary and permanent shade trees, green crops and rehabilitation crop.
4. Land preparation for extension and replanting, rehabilitation of uprooted areas, planting of tea under various planting designs and their comparative efficiency, layout of drainage system and cost computation for land preparation and drainage system and cost computation for land preparation and drainage.
5. Young tea management and infill management in mature tea. Tripping and plucking of tea – principles of plucking, plucking standard in practice, plucking system, plucking rounds and their influence on crop and quality; mechanical plucking – type of plucking aids used and their merits and demerits.
6. Minerals nutrition in tea – essential plant nutrients, soil fertility and crop productivity, nutrient availability, need for fertilizer application, deficiency symptoms, ground application of fertilizers, foliar nutrition and improvement of soil fertility; steps to taken for tea soil conservation. Identification of different fertilizers applied in tea cultivation. Prepare manuring program based on soil test report and yield.
7. Plant protection in tea – important tea pests, time of occurrence, nature of damage, control of tea pests (physical control with specified field management practices, chemical control, control with bio-agents and integrated pest management strategies); important tea disease, time of occurrence nature of damage, control of tea diseases (cultural control with specified field management practices, chemical control, control with bioagents and integrated disease management strategies); control of pests and diseases in shade trees and green crop; weed control in tea, choice of herbicides and efficient weed control schedules. Plant Protection Code (PPC) implemented by Tea Board on use of Plant Protection Formulation (PPF). Identification of different pests and diseases in tea field with its techniques of control along with the method used. Prepare a weed control schedule for young tea and mature tea.

8. Pruning and skiffing of tea, types of pruning and skiffing, effect of pruning and skiffing on crop and quality, pruning cycle and their choices in different agro climatic conditions; rejuvenation pruning of old tea, cost computation of pruning. Cold weather practices. Identify different types of pruning and skiffing. Practice center out, re-centering out, level of skiff, light skiff, medium skiff, deep skiff, light prune, medium prune and rejuvenation prune. 6 different types of plucking and plucking technique followed in tea. Practice a) plucking, b) fine plucking, c) standard pluckink, d) coarse plucking with breaking back and without breaking back, e) fish leaf and f) plucking over one leaf and study the composition of pluck shoots.
  
9. Spraying equipment and their operations and maintenance, effective spraying techniques; use and abuses of agrochemicals with particular reference to pesticide residue in tea, Good Agricultural Practice (GAP) in the use of pesticides, MRL regulations and compliance.

List of candidates to be called for Trade Test and written competitive examination (Paper-I, Paper-II and Paper-III) for the post of Technical Assistant in the area of Filed/Plantation Crops (01-EWS), advertised vide Advt. No.02/2020 is scheduled to held on 07.04.2025 at CSIR-IHBT, Palampur (H.P)

<b>Sr. No.</b>	<b>Roll No.</b>	<b>Name of the candidates</b>
1.	<b>2012001</b>	Mr. Hardeep Singh S/O Sh. Jugraj Singh
2.	<b>2012002</b>	Ms. Anjali Chandel D/O Sh. Ashok Kumar Chandel
3.	<b>2012003</b>	Mr. Archit Singh S/O Sh. Ajay Singh
4.	<b>2012004</b>	Mr. Avinash Rana S/O Sh. Anil Rana
5.	<b>2012005</b>	Mr. Shardulya Shukla S/O Sh. Dwijendra Narayan
6.	<b>2012006</b>	Mr. Rajesh Kumar S/O Sh. Jagdish Chand,
7.	<b>2012007</b>	Mr. Kousik Atta S/O Sh. Chittaranjan Atta,
8.	<b>2012008</b>	Mr. Durgesh Kumar Mishra S/O Sh. Kaushal Kishor Mishra,