

## वर्षावनअनुसंधानसंस्थान *भारतीयवानिकीअनुसंधानएवंशिक्षापरिषद*

(पर्यावरण, वनएवंजलवाय्परिवर्तनमंत्रालय, भारतसरकारकेअधीनएकस्वायत्तपरिषद्)

पोस्टबॉक्सनं.136,जोरहाट-785001,असम।

#### RAINFORESTRESEARCHINSTITUTE

IndianCouncilofForestryResearch&Education

(AnAutonomousbodyofMinistryofEnvironment,Forests& Climate Change,Govt.ofIndia) PostBoxNo.136,Jorhat-785001,Assam

No. 3/213/2015-Estt. Vol. VIII/388

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# **NOTICE**

The applications for the post of Technical Assistant (Forestry) received in response to this Office Recruitment Notice No. RFRI/3/2013/2006-Estt./Vol. VIII dated 21.10.2019 have been scrutinized and the 'Screened In' and 'Screened Out' lists of candidates are as below:

## List of Screened In candidates for the purpose of written examination:

Sl. No.	Roll No.	Name of Candidate	Date of Birth	Exam Centre
1	TA(For.)/AGT/001	Akash Rabindra Chichaghare	27-07-1994	Agartala
2	TA(For.)/AGT/002	Animesh Dey	17-11-1995	Agartala
3	TA(For.)/AGT/003	Anish Kazi	29-09-1994	Agartala
4	TA(For.)/AGT/004	Champa Debnath	21-10-1996	Agartala
5	TA(For.)/AGT/005	Dalton Reang	30-11-1994	Agartala
6	TA(For.)/AGT/006	Debika Debbarma	30-03-1992	Agartala
7	TA(For.)/AGT/007	Emanuel Reang	24-12-1992	Agartala
8	TA(For.)/AGT/008	Kartik Das	08-12-1992	Agartala
9	TA(For.)/AGT/009	Lalramrout Halam	01-01-1995	Agartala
10	TA(For.)/AGT/010	Livinton Debbarma	02-06-1994	Agartala
11	TA(For.)/AGT/011	Manturaj Sahu	08-05-1994	Agartala
12	TA(For.)/AGT/012	Mary Jamatia	28-10-1992	Agartala
13	TA(For.)/AGT/013	Md. Nuruj Jaman Islam	02-01-1992	Agartala
14	TA(For.)/AGT/014	Prasenjit Chowdhury	06-08-1993	Agartala
15	TA(For.)/AGT/015	Pritam Choudhury	31-12-1991	Agartala
16	TA(For.)/AGT/016	Rajesh Bhowmik	01-11-1994	Agartala
17	TA(For.)/AGT/017	Rajkumar Chayanjit Singh	02-10-1995	Agartala
18	TA(For.)/AGT/018	Rakesh Baidya	20-11-1996	Agartala
19	TA(For.)/AGT/019	Sambit Deb	22-04-1994	Agartala
20	TA(For.)/AGT/020	Sarat Kumar Yadav	16-10-1991	Agartala
21	TA(For.)/AGT/021	Shambhu Debnath	06-02-1988	Agartala
22	TA(For.)/AGT/022	Siddhartha Saha	24-12-1993	Agartala
23	TA(For.)/AGT/023	Sikha Debbarma	05-02-1994	Agartala
24	TA(For.)/AGT/024	Sourav Saha	05-11-1993	Agartala
25	TA(For.)/AGT/025	Subham Debnath	20-12-1992	Agartala
26	TA(For.)/EE/AZL/026	Baby Lalhmangaihzuali	20-12-1994	Aizawl
27	TA(For.)/EE/AZL/027	Benjamin Lalrohlua	28-03-1995	Aizawl
28	TA(For.)/AZL/028	Betshebi Lalremruati	24-01-1992	Aizawl

29	TA(For.)/EE/AZL/029	C. Lalthakimi	02-10-1995	Aizawl
30	TA(For.)/EE/AZL/030	Eurica	27-07-1994	Aizawl
31	TA(For.)/AZL/031	Joseph B. Vanlalhruaia	19-10-1994	Aizawl
32	TA(For.)/AZL/032	Josephine Malsawmkimi	26-05-1993	Aizawl
33	TA(For.)/EE/AZL/033	Judith L R Sungte	18-03-1992	Aizawl
34	TA(For.)/AZL/034	Lalnunmawia	03-08-1994	Aizawl
35	TA(For.)/EE/AZL/035	Lalrintluangahmar	11-01-1995	Aizawl
36	TA(For.)/EE/AZL/036	Lianhmingthanga Mizo	21-05-1993	Aizawl
37	TA(For.)/EE/AZL/037	Malsawmzualahmar	14-04-1995	Aizawl
38	TA(For.)/EE/AZL/038	Mtthew V. Vanlalruata	27-05-1995	Aizawl
39	TA(For.)/AZL/039	N.C. Lalnuntluanga	25-07-1993	Aizawl
40	TA(For.)/EE/AZL/040	Royal L. Mihriemate	07-02-1993	Aizawl
41	TA(For.)/EE/AZL/041	Tolbish Chakma	25-07-1994	Aizawl
42	TA(For.)/EE/AZL/042	Vanlalhmuaka	23-12-1991	Aizawl
43	TA(For.)/JRT/043	Abhirani C	04-11-1996	Jorhat
44	TA(For.)/JRT/044	Abhishek Yadav	21-12-1993	Jorhat
45	TA(For.)/JRT/045	Adwin Tisso	01-09-1995	Jorhat
46	TA(For.)/JRT/046	Aman Dabral	21-01-1993	Jorhat
47	TA(For.)/EE/JRT/047	Amijulia Wahlang	11-02-1993	Jorhat
48	TA(For.)/JRT/048	Ananta Basumatary	12-04-1993	Jorhat
49	TA(For.)/JRT/049	Anil Kumar	05-09-1997	Jorhat
50	TA(For.)/JRT/050	Ankit Kumar Jha	01-08-1995	Jorhat
51	TA(For.)/JRT/051	Antara Dutta	30-05-1992	Jorhat
52	TA(For.)/JRT/052	Anup Kumar Das	08-12-1986	Jorhat
53	TA(For.)/JRT/053	Anurag Jain	21-01-1993	Jorhat
54	TA(For.)/EE/JRT/054	Arted Banshan Doloi	02-08-1993	Jorhat
55	TA(For.)/JRT/055	Arun K.R.	04-04-1995	Jorhat
56	TA(For.)/JRT/056	Asha Puran	05-11-1990	Jorhat
57	TA(For.)/JRT/057	Ashish Ranjan	24-12-1995	Jorhat
58	TA(For.)/JRT/058	Azhar Ali A	03-06-1995	Jorhat
59	TA(For.)/EE/JRT/059	Balsri Thera M Sangma		Jorhat
60	TA(For.)/EE/JRT/060	Batsrang Chebat Marak		Jorhat
61	TA(For.)/EE/JRT/061	Daniel K. Marak		Jorhat
62	TA(For.)/JRT/062	Deepak Hembram	03-05-1992	Jorhat
63	TA(For.)/JRT/063	Deepak Kumar	15-01-1992	Jorhat
64	TA(For.)/JRT/064	Deepjyoti Mazumder	22-09-1995	Jorhat
65	TA(For.)/JRT/065	Devi S.R.	14-08-1995	Jorhat
66	TA(For.)/EE/JRT/066	Eureka Shullai	12-07-1991	Jorhat
67	TA(For.)/EE/JRT/067	Fenella Ribha Phanbuh	22-02-1993	Jorhat
68	TA(For.)/JRT/068	Hoshiyar Singh	25-06-1997	Jorhat
69	TA(For.)/JRT/069	Imnasenlla Aao	20-10-1996	Jorhat
70	TA(For.)/JRT/070	Jirsong Bey	28-09-1995	Jorhat
71	TA(For.)/JRT/071	Kelmi Lyngdoh	25-09-1994	Jorhat
72	TA(For.)/JRT/072	Kokrila	02-10-1995	Jorhat
73	TA(For.)/EE/JRT/073	Kritika Chetry		Jorhat
74	TA(For.)/JRT/074	Kumari Beauty	05-12-1994	Jorhat
75	TA(For.)/JRT/075	Mamatha N.A.	28-05-1995	Jorhat

76	TA(For.)/JRT/076	Manendra Singh	05-01-1995	Jorhat
77	TA(For.)/EE/JRT/077	Mariucia Kharsohtun	23-01-1991	Jorhat
78	TA(For.)/JRT/078	Maya	10-09-1998	Jorhat
79	TA(For.)/JRT/079	Nihir N Boro	24-01-1998	Jorhat
80	TA(For.)/JRT/080	Nikesh Kumar	11-07-1993	Jorhat
81	TA(For.)/JRT/081	Obaidullah Ehrar	30-10-1994	Jorhat
82	TA(For.)/EE/JRT/082	Obed Roderick Warbah	08-05-1993	Jorhat
83	TA(For.)/JRT/083	Omkar Singh	19-04-1994	Jorhat
84	TA(For.)/EE/JRT/084	Phibakordor Larisa Badwar	19-09-1992	Jorhat
85	TA(For.)/JRT/085	Pollab Buragohain	31-12-1991	Jorhat
86	TA(For.)/JRT/086	Pradeepen Rai	06-12-1990	Jorhat
87	TA(For.)/JRT/087	Pritam Ghosh	01-11-1994	Jorhat
88	TA(For.)/JRT/088	Rahul Pradhan	16-02-1993	Jorhat
89	TA(For.)/JRT/089	Rikesh Kumar	22-05-1989	Jorhat
90	TA(For.)/JRT/090	Rinkesh	26-09-1995	Jorhat
91	TA(For.)/EE/JRT/091	Rockfillinroy Kharmawlong	20-07-1994	Jorhat
92	TA(For.)/JRT/092	Rohit Kumar	12-08-1995	Jorhat
93	TA(For.)/JRT/093	Roji Barman	27-06-1993	Jorhat
94	TA(For.)/JRT/094	Rovimpnuo Kruse	15-09-1991	Jorhat
95	TA(For.)/JRT/095	Sajal Kumar	01-07-1993	Jorhat
96	TA(For.)/JRT/096	Saranya K	22-06-1994	Jorhat
97	TA(For.)/JRT/097	Saurabh Tamang	10-07-1995	Jorhat
98	TA(For.)/JRT/098	Saurav Baruah	29-07-1993	Jorhat
99	TA(For.)/JRT/099	Shahnas KF	11-06-1994	Jorhat
100	TA(For.)/JRT/100	Simanta Saikia	10-09-1994	Jorhat
101	TA(For.)/JRT/101	Sourav Ranjan Mohapatra	29-06-1996	Jorhat
102	TA(For.)/EE/JRT/102	Subham Sarma		Jorhat
103	TA(For.)/JRT/103	Suraj Bishwakarma	16-06-1992	Jorhat
104	TA(For.)/JRT/104	Tahir Hussain	29-06-1991	Jorhat
105	TA(For.)/JRT/105	Temjenshola Jamir	18-12-1990	Jorhat
106	TA(For.)/EE/JRT/106	Weizy Alis Fancon Kharsati	11-08-1993	Jorhat

<sup>&</sup>gt; N.B.: The candidates whose Roll No. contains "EE" are sponsored by different Employment Exchanges and are provisionally shortlisted to appear for Written Examination. Selection of Candidates sponsored by Employment Exchanges who qualify in the Written Examination, will be subject to verification of documents.

## > List of Screened Out candidates:

## **Direct applications**

Sl. No.	Name of Candidate	Date of Birth	Reason for Rejection
1	Barsha Dutta	13-03-1996	Qualification not as per requirement
2	Nilmoni Rabha	29-06-1985	Over Aged
3	Jayanta Sarkar	20-10-2001	Qualification not as per requirement
4	Subrajit Debbarma	13-04-1989	Over Aged
5	Pallabi Das	27-08-1996	Qualification not as per requirement
6	Sima Kumari Dutta	05-06-1993	Qualification not as per requirement
7	Dr. Nebika Tongbram	01-03-1992	Qualification not as per requirement
8	Ananta Bora	13-01-1997	Qualification not as per requirement
9	Pratosh Kumar	05-01-1991	Qualification not as per requirement
10	Bohniman Bordoloi	03-02-1996	Qualification not as per requirement
11	Madhurima Choudhury	01-03-1992	Qualification not as per requirement
12	Ipsita Dutta	05-04-1995	Qualification not as per requirement
13	Rajat Gupta	15-07-1995	Qualification not as per requirement
14	Pratap Debbarma	06-11-1994	DD not enclosed
15	Simran Kaur	06-02-1998	Over Aged
16	Polash Pollab Deka	04-07-1995	Qualification not as per requirement
17	Manoj Kumar	10-01-1986	Over Aged
18	Priyanka Roy	27-10-1998	Qualification not as per requirement
19	Debarshi Raj Barman	17-01-1995	Qualification not as per requirement
20	Jitendra Debbarma	01-04-1989	Over Aged
21	Alpana Bora	21-11-1997	Qualification not as per requirement
22	Prakash Debbarma	08-01-1992	DD not enclosed
23	Jibotosh Pandit	28-02-1991	Qualification not as per requirement
24	H. Ramchhanliana	24-07-1987	Over Aged
25	Lalrinthuangi Fanai	28-07-1989	Over Aged

Call letters for written examination shall be issued by post, as and when the dates for Written Examination are fixed. Candidates are advised to regularly look for updates in websites www.icfre.gov.in and www.rfri.icfre.gov.in. The syllabus and scheme of the written examination is given below.

Rain Forest Research Institute Jorhat

वर्षा बन अनुसंधान संस्थान Rain Forest Research Institute जोरहाट (असम)/Jorhat (Assam)

## Syllabus and scheme of the written examination

There will be an objective type of question paper comprising 100 MCQ in total from different subjects. Questions of relevant subject will be according to graduation level. Duration of exam will be 03 hours. The details of each subject and MCQ are as follows:

## 1. General awareness & Reasoning : 20 marks

#### a) General Awareness:

Questions in this component will be aimed at testing the candidate's general awareness of the environment around him and its application to society. Questions will also be designed to test knowledge of current events and of such matters of everyday observationand experience in their scientific aspects as may be expected from an educated person. The test will also include questions relating to India and its neighbouring countries especially pertaining to history, culture, geography, economic scene, general policy and scientific research etc. These questions will be such that they do not require a special study of any discipline.

## b) Reasoning:

Questions of reasoning would include questions of both verbal and non-verbal type. This component will include questions of analogies, similarities and differences, spatial visualization, spatial orientation, problem solving, analysis, judgement, decision making, visual memory, discrimination, observation, relationship concepts, arithmetic reasoning, verbal and figure classification, arithmetic number series, non-verbal series, coding and decoding statement, conclusion, syllogistic reasoning etc.

## 2. General English & General Science : 20 marks

## a) General English:

Questions in this component will be designed to test the candidate's understanding and knowledge of English language and will be based on spot the error, fill in the blanks, synonyms, antonyms, spelling/detecting misspelled words, idioms & phrases, one word substitution, improvement of sentences, Active/Passive Voice of Verbs, conversion into direct/indirect narration, comprehension Passage etc.

#### b) General Science:

Basic understanding of science expected of a high school student

#### 3. Arithmetic : 20 marks

The questions will be designed to test the ability of appropriate use of numbers and number sense of the candidate. The part will include questions on problems relating to number system, computation of whole numbers, decimals and fractions, relationships between numbers, fundamental arithmetical operations, percentage, ratio and proportion, average, interest, profit and loss, discount, use of tables and graphs, mensuration, time and distance ratio and time etc.

#### 4. Relevant Subject -Forestry : 40 marks

#### a) Silviculture:

General Silvicultural Principles- Ecological and physiological factors influencing vegetation, natural and artificial regeneration of forests, methods of propagation, grafting techniques; site gactors, nursery and planting techniques nursery beds, containers and maintenance, grading and hardening of seedlings; establishment and tending. Silviculture of some of the economically important species in India. Silviculture systems (Clear felling, uniform shelter wood selection, coppiee and conversion

systems), Management of silviculture systems of temperate, subtropical, humid tropical, dry tropical and coastal tropical forests; Thinning.

#### b) Agroforestry:

Agroforestry- Scope and necessity; Agro forestry systems under different agroecological zones; selection of species and role of multipurposr trees and NTFPs, techniques, food, fodder and fuel security. Social/Urban Forestry: Objectives, scope and necessity. JFM-Principles, objectives, Methodology, scopre and benefits, National agroforestry policy.

## c) Forest Soils and Watershed Management:

Forests Soils: Classification, factors affecting soil formation, physical, chemical and biological properties. Soil conservation-definition, causes for erosion; types-wind and water erosion; conservation and management of eroded soils/areas, wind breaks, shelter belts; sand dunes; water logged and other waste lands. Role of forests in conserving soils. Role of micro-organisms in ameliorating soils; N and C cycles. Watershed Management- Concepts of watershed; forest hydrology, landslide controls, rehabilitation of degraded areas; water harvesting and conservation; ground water recharge and watershed management.

## d) Environmental Conservation and Biodiversity:

Environment- Components and importance, principles of conservation, impact of deforestation; forest fires and various human activities like mining, construction and developmental projects, population growth on environment. Pollution-types, Global warming, green house effects, ozone layer depletion, acid rain, impact and control measures, environmental monitoring; concept of sustainable development. Control and prevention of air, water and noise pollution. Environmental impact Assessment.

## e) Tree Improvement:

General concept of tree improvement, methods and techniques, variation and its use, provenance, seed source, exotics; quantitative aspects of forest tree improvement, seed production and seed orchards, progent tests, use of tree improvement in natural forest and stand improvement, forest genetic resources and gene conservation in-situ and ex-situ, application of DNA technology in foresty.

#### f) Forest Management and Mensuration:

Objective and principles; techniques, stand structure and dynamics, sustained yield relation; rotation, normal forest, growing stock; regulation of yield; management of forest plantations, commercial forests, forest cover monitoring. Forest Divisional working plans. Methods of measuring- diameter, girth, height and volume of trees, form-factor; volume estimation of stand, current annual increment; mean annual increment, Sampling methods and sample plots. Yield calculation; yield and stand tables, forest cover monitoring through remote sensing; Geographic information Systems for management and modeling. Forest Surveying, different methods of surveying.

## g) Forest Ecology:

Biotic and abiotic components, forest eco-systems, forest community concepts, vegetation concepts, ecological succession and climax, primary productivity, nutrient cycling and water relations. Forest types in India, identification of species, composition and associations, dendrology, taxonomic classification, principles and establishment of herbaria and arboreta conservation of forest ecosystems.

#### h) Forest Resources and Utilization:

Logging and extraction techniques and principles, transportation systems, storage and sale of Timber, Non-Timber Forest products (NTFPs)- definition and scope, gums, resins, oleoresins, fibres, oil seeds nuts, rubbers, canes, bamboos, medicinal plants, charcoal, lac and shellac, katha and Bidi leaves, need and importance of wood seasoning and preservation general principles of seasoning, air and kiln seasoning, composite wood, plywood, fibre boards, particle boards, wood substitution.

#### i) Forest Protection and Wildlife:

Injuries to forest, insect-pests and disease, General forest protection against fire, equipment and methods, controlled use of fire. Rotational and controlled grazing, different methods of control against grazing and browsing animals, effect of wild animals on forest regeneration, encroachment, poaching, cultivation and control.

## j) Forest Economics and Legislation:

Fundamental principles, cost-benefit analysis, estimation of demand and supply, socioeconomic analysis of forest productivity and attitudes, valuation of forest goods and service, National Forest Policy, Forest laws, necessity; general principles, Indian Forest Act, 1927, Forest C onservation Act, 1980, Wildlife Protection Act, 1972 and their amendments.

## k) Forests and People:

Forests and its importance, forest societies, interactions with people, social and cultural factors, afforesation programmes, forest conflicts, wildlife and human conflicts, important forest movements, gender dimension, tribal economy, pastoralists, amangement of commons and Common Property Resources (CRPS) and open access resources, sustainable livelihood, food security, eco-tourism, land use change. Forest rights, customary rights of people, community participation, biodiversity and ethnobotany, global environmental change and land use, resettlement, poverty alleviation and forests, role of NGOs and other CBOs community based organizations.

Director

Rain Forest Research to the down that

वर्षा बन अनुसंधान संस्थान Rain Forest Research Institute जोरहाट (असम)/Jorhat (Assam)