#### INDIAN COUNCIL OF MEDICAL RESEARCH

## ICMR-National Institute for Research In Tuberculosis, Chennai

## National Tuberculosis Prevalence Survey, India

No. RMRC/DIB/ADM-102(NIRT-TB Survey)/2018-19/ 3383

# )/2018-19/ 3383 Dated: <u>07</u>/03/19

#### Walk-In-Written Test/Interview

Tuberculosis Prevalence Survey is a time bound activity and is crucial for Ending TB in India and is planned to be undertaken on mission mode. Job requires continuous field work throughout the country in various States/UTs for all posts. Preference will be given to those having working experience in National Health Surveys/ similar activities.

Candidates are invited to attend Walk-In Interview / Written Test on 27<sup>th</sup> and 28<sup>th</sup> of March 2019 at ICMR-RMRC, N. E. Region, Dibrugarh, Assam for the Assam Survey team

For details of post, eligibility, salary, etc. please visit www.nirt.res.in or http://rmrcne.org.in/

S. NO.	Contractual Post	Consolidate d Monthly Salary	Upper age limit	No of posts for the Assam Survey Team
1.	Scientist C (Medical)	Rs.72325	40 years	1
2.	Project Technical Officer (Senior Investigator)	Rs.32,000	30 years	I
3.	Project Technical Officer (Senior Technical Assistant)	Rs.32,000	30 years	1
4.	Project Technical Officer (Medical Social Worker)	Rs.32,000	30 years	1
5.	Project Assistant (Field investigator)	Rs.31,000	30 years	2
6.	Project Technician III (Laboratory Technician)	Rs.18,000	30 years	3
7.	Project Technician III (X-Ray Technician)	Rs.18,000	30 years	2
8.	Data Entry Operator (Grade B)	Rs.18,000	28 years	1
9.	Project Technician II (Health Assistant)	Rs.17,000	28 years	6
10.	Project Technician II (Laboratory Assistant)	Rs.17,000	28 years	1

11.	Driver-cum-mechanic	Rs.16,000	25 years	1
12.	Multi-Tasking Staff (Helper)	Rs.15,800	25 years	1
13.	Senior Project Assistant (UDC)	Rs.17,000	28 years	1
14.	Multi Tasking (Sweeper)	Rs.15,800	25 years	I
15.	Project Technician III (Laboratory Technician) (for IRL)	Rs.18,000	30 Years	2

## Qualifications and Job Responsibilities

Sr. No.	Name of the Post/ Designatio n	No of posts per team	Essential Qualification	Desirable Qualification		Job specifications / responsibilities
1	Scientist C	1	Post Graduate Degree	Doctorate or MD or	1.	Get trained in Protocol of National TB Prevalence
	(Medical)		(MD/MS/DNB) after MBBS	Master degree in the		Survey, India as well as SOPs and training
			with one year Experience	relevant subject		manuals.
				(Community Medicine/	2.	Assist the Survey Project Management Unit in
			OR	Preventive & Social		training & sensitizations of various stake holders at
				Medicine/ Paediatrics/		various levels as well, as other preparatory
			Post Graduate diploma in	Medicine/ Tropical		activities for the survey.
	<sup>(1)</sup>		medical Subjects after MBBS	Medicine/ Community	3.	Coordinate with Survey Team and local RNTCP
			with two years experience	Health		team in identification & establishing survey site for
			18400 9961	Administration/Health		each cluster.
			OR	Administration/ Family	4.	Review and report all chest X-Ray images are for
				Medicine/		any abnormality as per survey protocol and SOP in
			MBBS degree with 4 years	Epidemiology/ Public		time bound manner.
			experience in medical subjects	Health) from a	5.	Identify other medical conditions as well as the
			after MBBS degree	recognized university.		triage by coordinating with the local health
				2. Additional Post doctoral		facilities as well as referral to higher centers as and
				research/teaching		when necessary.
				experience in relevant	6.	Establishing coordination and support from local
				subjects in recognized		health facilities and authorities for survey

			3. 4. 5.	institute(s). Knowledge of Computer Applications or Business Intelligence tools /Data Management. Minimum one year experience in RNTCP.	7.	activities. Any other job as assigned by PI.
2	Project Technical Officer (Senior Investigator)	Graduate in Science/Epidemiology/Public Health from a recognized University with 5 years' work experience in a recognized institution (or)  Master's degree in Epidemiology/Public Health from a recognized University.	1.	Three year of Research/Field Experience. Any Survey/Field experience. Minimum of Two year experience in RNTCP.	2. 3. 4.	Get trained in Protocol of National TB Prevalence Survey, India 2017-18 as well as SOPs and training manuals.  Assist the Survey Project Management Unit in training & sensitizations of various stake holders at various level as well, as other preparatory activities for the survey.  Establish Survey site for each cluster.  Plan cluster activities in advance and delegate all responsibilities in survey team.  Coordination & supervision of all activities in the cluster during survey including enumeration, enrolment of eligible, interview of participants, X-Ray of all participants, Blood and sputum collection, maintaining cold-chain, transportation etc.  Use IT system for daily monitoring of progress and take timely corrective action for maintain highest quality and participation & completion of survey activities.  Regularly communicate and comply central PMU Establishing coordination and support from local health facilities and authorities for survey activities.

					<ol> <li>Ensure that electronic attendance register is maintained for Survey Team as well as supervisory officers, support staff etc. for each cluster.</li> <li>Any other job as assigned by Survey PMU.</li> </ol>
3	Project Technical Officer (Senior Technical Assistant)	1	Graduate in Science from a recognized University with 5 years' work experience in a recognized institution (or)  Master's degree in Epidemiology/Public Health from a recognized University.	<ol> <li>1. 1.Three year of Research Experience</li> <li>2. 2. Any Survey/Field experience.</li> <li>3. Minimum of one year experience in RNTCP.</li> </ol>	Survey, India 2017-18 as well as SOPs and training manuals.  2. Assist Senior Investigator in training &

4	Project Technical Officer (Medical Social Worker)	1	Graduate in social sciences/Social Work/ Sociology / Medical Sociology / Psychology / Anthropology from a recognized university with 5 years' work experience from a recognized institution.  or  Master's degree in social sciences/ Social Work/ Sociology / Medical Sociology / Psychology / Anthropology.		in community health programs.	1. 2. 3. 4. 5. 6. 7.	maintained for Survey Team as well as supervisory officers, support staff etc. for each cluster.  1. Any other job as assigned by Survey PMU.  Get trained in Protocol of National TB Prevalence Survey, India 2017-18 as well as SOPs and training manuals.  Assist Senior Investigator in training & sensitizations as well as other preparatory activities for the survey.  Organize sensitization of local leaders, community representatives and community groups.  Ensure participation of community members in Survey.  Supervise specifically census enumeration process Address non-participation and manage instances of anti-propaganda in positive manner.  Establishing coordination and support from local health facilities and authorities for survey activities. Any other job as assigned by Survey PMU.
5	Project Assistant (Field Investigator)	2	Graduate in Science from a recognized university with three years' experience or Master's degree in relevant subject from a recognized university.	27	Master's degree in Epidemiology/Public Health/Medical Social Work/Science subject Experience in field level data collection Experience in RNTCP program Experience in conducting Census and field surveys	2. 3. 4. 5.	Get trained in Protocol of National TB Prevalence Survey, India 2017-18 as well as SOPs and training manuals. Conduct census enumeration survey of participants by visiting the households. Rapid data collection during census enumeration, enter in android based mobile application. Decide on eligibility of individuals and inform them on timings for attending survey sites with procedures to be done. Hand over the acknowledgement receipt with

				5.	Knowledge of Computer applications.	6. 7. 8. 9. 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	appropriate serial number to enrolled participant Regularly synchronize data on mobile application with server. Coordinate with local health staff (e.g. FHW) and MO / Senior investigator, to ensure that all exclusion criteria is applied as per SOPS Follow-up eligible participants from household for participation if not presented on scheduled time. Follow-up those eligible participants who could not give sputum samples on time. Assist Survey Team Leader in preparing cluster report. Assist Survey Team Leader in maintaining financial expenditure for each cluster. Any other job as assigned by Team Investigator, Survey PMU.
6	Project Technician III (Laboratory Technician)	3	12th pass in science subjects with any one of the following:  (i) Two years Diploma in Medical Laboratory Technology or  (ii) One year Diploma in Med Laboratory Technology with one year laboratory experience in a recognised organization/institution or	2. 3.	Experience in culture (solid and liquid) and DST for mycobacterium tuberculosis.  I year experience in RNTCP as LT.  Past experience of working in an Intermediate Reference Laboratory or National Reference Laboratory for Tuberculosis.	<ol> <li>3.</li> <li>4.</li> </ol>	Get trained in Protocol of National TB Prevalence Survey, India 2017-18 as well as SOPs and training manuals. Get trained in SOPs of RNTCP and National Lab committee recommendations for Intermediate Reference Laboratories. Achieve necessary skills to perform CBNAAT, testing, sputum microscopy, C&DST and Blood tests using autoanalyzer before Survey commencement. Perform safe opening of all sputum specimens received by IRL. Use IT system (scanner and laptop) to ensure all entries of each sample is and its result is entered in the application.

			(iii) Two years laboratory experience in a government recognised organisation/institution.  *B.Sc., degree shall be treated as three years' experience.		<ol> <li>Inform the Survey Team &amp; local DTO &amp; STLS about the instances of leakage, contaminations etc. suggesting action e.g. Repeat sample collection.</li> <li>Perform processing of all received sputum and blood samples at the van and conduct test as per methods described in SOPs.</li> <li>Perform DNA extraction (following all steps of PCR) for Line Probe assay on all sputum sample received.</li> <li>Any other job as assigned by Senior Investigator, Medical Officer &amp; PMU as per Survey needs.</li> </ol>
7	Project Technician III (X-Ray Technician)	2	12th pass in science subjects and must have done Radiographer /X-ray Technologist course of minimum one year duration from a recognized institution.	3 years' experience as Medical X-Ray Technician in Radiology units, Hospitals or clinics     Experience of working in the Mobile X-ray Unit.	<ol> <li>Get trained in Protocol of National TB Prevalence Survey, India 2017-18 as well as SOPs and training manuals.</li> <li>To organize radiology (Chest X-Ray) at the survey site (village / ward) in the mobile X-Ray van.</li> <li>Explain each participant the procedure in local language before taking chest X-Ray.</li> <li>Prepare cassettes by filling blank X-Ray films ready for shoot and undertake Chest X-Rays (~150-200 per day) during survey cluster activities.</li> <li>Ensure scanning of each cassette and use CR reader, PACS system and IT application for maintaining all information, X-Ray images and results from MO and tele-radiologist.</li> <li>Monitor, the X-Ray shoot after calibration using the displays and digital monitors of output.</li> <li>Preventive routine care &amp; maintenance of X-Ray units.</li> </ol>

				9.	Maintain stock of all logistics required for chest X-Ray.  Should be well acquainted and follow norms of AERB (Atomic Energy Regulatory Board) for Radiation Safety & B.I.S. (Bureau of Indian Standards) for Mechanical & Electrical Safety.  Any other job as assigned by Senior Investigator, Medical Officer & PMU as per Survey needs.
8	Data Entry Operator Grade B	Intermediate or 12TH pass in science stream from a recognized board with DOEACC "A" level from a recognized institute and/or 2 years' experience in EDP work in Government, Autonomous, PSU or any other recognized organization  A speed test of not less than 8000 key depressions per hour through speed test on computer.	Experience in Data Entry in research projects or in any National Health Program.  Work experience in Electronic Data Processing /Biostatistics/Data Management.  Should be well conversant with various computer programming including MS Word, Excel	<ul><li>3.</li><li>4.</li><li>5.</li><li>6.</li><li>7.</li><li>8.</li></ul>	Get trained in Protocol of National TB Prevalence Survey, India 2017-18 as well as SOPs and training manuals.  Manage all laptops, local server, internet connection, tablets and applications and ensure smooth data synchronization.  Monitor completeness of data in all fields during survey activities in the cluster village / town.  Regular monitoring of dashboards and reports with pending activity lists for all activities and share the same for follow-up with respective staff.  Cluster reporting and handing over by the Survey Team to local RNTCP and health staff.  Coordinate with local RNTCP Units for pending cluster activities (especially for sputum sample collection and transportation, patient treatment initiation etc.)  Maintain laptops, printers etc. in working condition including the anti-virus protection and regular updating, scanning etc.  Facilitate trouble shooting for any IT application related issue faced by survey team.  Manage correspondences between Survey Team

							<ul> <li>and PMU as well as local health facilities e.g.</li> <li>DTC, PHC, GH, CHC etc.</li> <li>10. Maintain expenditure of funds during the cluster</li> <li>11. Maintaining electronic attendance register for Survey Team as well as supervisory officers, support staff etc. for each cluster.</li> <li>12. Any other job as assigned by Senior Investigato Medical Officer &amp; PMU as per Survey needs.</li> </ul>	
9	Project Technician II (Health Assistant)	6	I.High School* or equivalent with 5 years' experience in health field from any recognized institute or organization  *Intermediate with Science subjects shall be treated as equivalent to 2 years' experience and  BSc shall be treated as equivalent to 3 years.	2.	Experience of in Surveys Experience of in TB program Experience of in Research.	working	<ol> <li>Get trained in Protocol of National TB Prevalen Survey, India 2017-18 as well as SOPs and training manuals.</li> <li>Confirm identity of participant based on survey enumeration database, enroll eligible in the survey, hand over correct enrolment card (with bar code) to the participant.</li> <li>Inform the participants about the details of Survey, testing methods adopted and risks as we as benefits of the participation with standard too and obtain written, informed &amp; valid consent before enrolment of participant.</li> <li>Interview each enrolled participant (after taking consent) for symptom screening and history taking</li> <li>Enter all information during interview in the android application on tablet.</li> <li>Ensure that sputum is collected from each eligib based on symptom screening.</li> <li>Advise participants about the next place to proceed, accompany the participant if needed.</li> <li>Coordinate with local health staff (e.g. FHW) an MO / Survey Team Leader to ensure that all</li> </ol>	ill I

							11	pregnant women are excluded from the study. Arrange for pregnancy test if required. Ensure that chest X-Ray has been taken for all eligible participants. Motivate the local staff, volunteers, to promote more participation in Survey. Assist Senior Investigator in preparing cluster report. Any other job as assigned by Senior Investigator, Medical Officer & PMU as per Survey needs.
10	Project Technician II (Laboratory Assistant)	1	High School or equivalent with Five years' experience in related field from Government Institution/Recognized institute OR Certificate of one year training in the DMLT from a recognised institute.	2. 3.	B.Sc. or 2 Diploma in Laboratory Te from recognize or Institute. Experience in collection and collection. Experience in packaging transportation procedures. Knowledge comedical management prace	Medical echnician ed board n blood sputum  Sample and of waste	<ol> <li>3.</li> <li>4.</li> </ol>	Get trained in Protocol of National TB Prevalence Survey, India 2017-18 as well as SOPs and training manuals.  Assist the Laboratory Technician in all operations for blood and sputum sample collection, processing, organizing results etc.  Maintain cleanliness in the van and ensure biomedical waste management practices.  Ensure, water storage and emptying waste water tank from time to time.  Any other job as assigned by Laboratory Technician, Senior investigator and Survey PMU.
11	Driver- cum- mechanic	1	<ol> <li>Matric/S.S.C or equivalent from a recognized board</li> <li>Valid driving license issued by RTO of any State and authorized to drive Heavy Motor Vehicle (Goods &amp;</li> </ol>	1.	Experience of vehicle driving. One year Certificate in Mechanic /	Heavy ITI	3.	Get oriented in requirements of National TB Prevalence Survey, India 2017-18. Driving of Heavy Motor Vehicle (Mobile X-Ray van). Driving LMV as per survey needs. Upkeep, regular maintenance & cleanliness of

			Passenger) and 3. Two years' experience in recognized organization/Institute	recognized by NCVT/ SCVT from Government recognised institution.	vehicles including POL level.  5. Maintenance of log book.  6. Routine repairs including change of wheels.  7. Skilful parking of mobile X-ray van in a strategic position to facilitate survey activities in the cluster.  8. Monitoring and maintaining overall vehicle condition in running condition.  9. Any other job as assigned by Senior Investigator, Medical Officer & PMU as per Survey needs.
12	Multi- Tasking Staff (Helper)	1	1.High School or equivalent.	<ol> <li>Graduate or diploma in any stream.</li> <li>Working knowledge of English.</li> </ol>	<ol> <li>Get oriented in requirements of National TB Prevalence Survey, India 2017-18.</li> <li>Assist in establishing central survey site at the central place in cluster or near strategic location near SC / PHC / CHC / GH.</li> <li>Arrange interview sites with hired tables chairs, Canopy Booths, banners, erecting tents, etc.</li> <li>Mounting and placing generator for electricity supply for the mobile X-Ray van.</li> <li>Assisting driver in monitoring and maintaining overall vehicle condition in running condition</li> <li>Any other job as assigned by Senior Investigator, Medical Officer &amp; PMU as per Survey needs.</li> </ol>
13	Senior Project Assistant (UDC)	1	12th Pass or equivalent from a recognized board with 5 years' experience of administrative work or  Graduate in any discipline with 2 years' experience of	Past experience in accounting and managing funds.	<ol> <li>Get oriented in requirements of National TB         Prevalence Survey, India 2017-18.</li> <li>Ensure timey hiring and purchasing items from         local market for smooth cluster operations.</li> <li>Maintain books of accounts for all expenditure as         required and allowed in the survey.</li> <li>Ensure timely approval and payments against the</li> </ol>

			administration work  and  A typing speed of 35 wpm in English or 10500 Key Depressions per hour in English.		5.	approved expenditure as per survey guidelines. Any other job as assigned by Senior Investigator, Medical Officer & PMU as per Survey needs.
14	Multi- Tasking Staff (Sweeper)	1	High school or Equivalent.	Experience of working in Field surveys and health programs.	3. 4. 5. 6.	Get oriented in requirements of National TB Prevalence Survey, India 2017-18.  Assist in establishing central survey site at the central place in cluster or near strategic location near SC / PHC / CHC / GH or community centres' etc.  Arranging drinking water, tea for the survey team, local volunteers, staff etc. Plan & ensure sitting arrangements for survey team Distribute IEC handbills.  Assist Survey Team & Research supervisor for frozen ice-packs for cold chain maintenance by coordinating with local PHC. Any other job as assigned by Senior Investigator, Medical Officer & PMU as per Survey needs.
15	Project Technician III (Laboratory Technician) (for IRL)	2	12th pass in science subjects with any one of the following:  (i) Two years Diploma in Medical Laboratory Technology or	Experience in culture and DST for mycobacterium tuberculosis.     2 years experience in RNTCP as LT.	1.	Get trained in Protocol of National TB Prevalence Survey, India 2017-18 as well as SOPs and training manuals. Get trained in SOPs of RNTCP and National Lab committee recommendations for Intermediate Reference Laboratories.

(ii) One year Diploma in Med Laboratory Technology with one year laboratory experience in a recognised organization/institution or (iii) Two years laboratory experience in a government recognised organisation/institution.	<ol> <li>Achieve necessary skills to perform CBNAAT, testing, sputum microscopy, C&amp;DST and Blood tests using autoanalyzer before Survey commencement.</li> <li>Perform safe opening of all sputum specimens received by IRL.</li> <li>Maintain a register of entries of all sputum specimens received from Survey Teams.</li> <li>Inform the Survey Team &amp; local DTO &amp; STLS about the instances of leakage, contaminations etc. suggesting action e.g. Repeat sample collection.</li> <li>Perform processing of all received samples at IRL and decontamination by NALC-NAOH method</li> <li>Perform direct Flurochrome- Microscopy on all sputum sample received.</li> <li>Perform DNA extraction (following all steps of PCR) for Line Probe assay on all sputum sample received.</li> <li>Inoculate Culture from all sputum specimens in L.J. Media.</li> <li>Perform DST (RHSE) on all positive cultures</li> <li>Inform the results of FM, C&amp;DST &amp; LPA to respective DTOs.</li> <li>Any other job as assigned by Senior Investigator, IRL Microbiologist &amp; PMU as per Survey needs.</li> </ol>
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#### Dates for the written tests for various Posts\*

Date	Posts	Languages expected to be known	Area of working
	Scientist C (Medical)-1 post	Hindi,	Assam
	Project Technician II(Health Assistant) – 6 Posts		
	Project Assistant (Field Investigator) – 2 posts		
	Project Technical Officer (Senior Investigator)-1 Post		
27th March,	Project Technical Officer (Senior Technical Assistant)-1 Post		
2019	Project Technical Officer(Medical social worker) – I post		
	Project Technician III(Laboratory Technician) for IRL-2 posts		
	Project Technician III(Laboratory Technician) for Field -3 posts	Assamese and English	
	Project Technician II(Laboratory Assistant) – 1 Post		
	Project Technician III (X-ray Technician) – 2 posts		
	Multi-Tasking staff (Helper) – 1 post		
28 <sup>th</sup> March,	Multi-Tasking staff (Sweeper) – 1 post		
2019	Data Entry Operator (Grade B)-1 Post		
	Senior Project Assistant (UDC)-1 Post		
	Driver Cum Mechanic-1 Post		

<sup>\*</sup>Scientist C (Medical) alone will have interview and all other posts will have written test in English.

- 1. Initial Contract for the Posting is for one year which can be extended to 6 months or till the completion of the project.
- 2. The conditions of employment will be the same as that of the project staff on contract basis.
- 3. The candidates have no right to claim for any regular employment at this Institute.
- 4. The appointing authority has the right to accept/ reject any application without assigning any reason(s) and no correspondence in this matter will be entertained. Age, Qualification, experience etc., will be reckoned as on the date of walk-in-written test/ Interview.

#### Instructions to the Candidates:

- 1. The Candidates are expected to have a good knowledge on the book titled "Tuberculosis prevalence surveys: a handbook" for working in this survey. https://www.who.int/tb/advisory\_bodies/impact\_measurement\_taskforce/resources\_documents/thelimebook/en/
- 2. The Candidates should bring 5 copies of the Bio data in the prescribed format along with all certificates / testimonials in original for verification. Candidates who fail to bring the Original Certificates for written test / Interview will not be considered.
- 4. Experience certificate should clearly state the nature of work during the period of employment.
- 5. No- Objection Certificate from the current employer (for Govt./AB/PSU Servants only)
- 6. All posts are Contractual for the duration offered. The appointment may be renewed after every specific period of time subject to satisfactory performance and project requirement.
- 7. The incumbents selected will have no claim for regular appointments under NIRT/ICMR or continuation of his/her services in any other project.
- 8. TA/DA will not be paid by NIRT for attending the written test/ interview.
- 9. The Director, ICMR-NIRT reserves the right to increase or decrease the number of posts or cancel the recruitment or re-advertise the posts, without assigning any reasons thereof, no further correspondence will be entertained in this regard.
- 10. Any further information may be downloaded from ICMR-NIRT website which will be updated from time to time.
- 11. Date of Walk-in Interview/written test may be changed due to administrative reasons, hence, candidates are advised to check website before appearing Walk-in Interview.

The Director/Selection Committee has the right to accept / reject any application without assigning any reason thereof and no recommendation in this matter will be entertained.

Canvassing and bringing pressure in any form for short listing, interview and employment will be a disqualification and barred from selection process.

Administrative Officer For Director

## INDIAN COUNCIL OF MEDICAL RESEARCH

## ICMR-National Institute for Research In Tuberculosis, Chennai

## National Tuberculosis Prevalence Survey, India

### Walk-In-Written Test/Interview\*

Date	Posts	Languages expected to be known	Area of working
	Scientist C (Medical)-1 post		Assam
	Project Technician II(Health Assistant) – 6 Posts		
	Project Assistant (Field Investigator) – 2 posts		
	Project Technical Officer (Senior Investigator)-1 Post		
27th March,	Project Technical Officer (Senior Technical Assistant)-1 Post		
2019	Project Technical Officer(Medical social worker) – 1 post		
	Project Technician III(Laboratory Technician) for IRL- 2 posts	Hindi,	
	Project Technician III(Laboratory Technician) for Field -3 posts	Assamese and English	
	Project Technician II(Laboratory Assistant) – 1 Post		
	Project Technician III (X-ray Technician) – 2 posts		
	Multi-Tasking staff (Helper) – 1 post		
28th March,	Multi-Tasking staff (Sweeper) – 1 post		
2019	Data Entry Operator (Grade B)-1 Post Senior Project Assistant (UDC)-1 Post		
	Driver Cum Mechanic-1 Post		

Note: The candidates belonging to OBC category should produce OBC Non creamy layer certificate at the time of walk in interview to provide age relaxation for OBC Category as per Govt. Of India norms.

\*Scientist C (Medical) alone will have interview and all other posts will have written test in English.

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