

## 9. Place of posting

Candidates selected against this advertisement will be posted at Tarapur Maharashtra Site, NPCIL. However, they are liable to serve in any part of India and transferred to other Units/Sites/HQ of NPCIL, as may be required in Corporation interest.

## 10. Selection Procedure

Sl.No.	Name of the Posts	Selection Procedure
1.	Category-I Stipendiary Trainee/ Scientific Assistant (ST/SA) - Diploma Holders in Engineering / Science Graduates & Scientific Assistant/B	Online Test + Personal Interview The online test will be Computer Based Test(CBT) and the duration of examination will be of 1.5 Hrs
2.	Category-II Stipendiary Trainee / (ST/TN)- Operator & Maintainer	Online Test will be Computer Based Test(CBT). The online test will be in two stages:- <b>Stage-1</b> - Preliminary Test (1 Hour Duration) <b>Stage-2</b> - Advanced Test (2 Hours Duration)
3.	Assistant Gr.1(HR)/(F&A)/(C&MM)	
4.	X-Ray Technician (Technician-C)	Online Test will be Computer Based Test(CBT). The online test will be in two stages:- <b>Stage-1</b> - Preliminary Test (1 Hour Duration) <b>Stage-2</b> - Advanced Test (2 Hours Duration) <b>Stage 3</b> : Skill Test

**Note:** Candidate has to qualify at each stage of prescribed selection process for final empanelment. Question paper for online test will be in trilingual format (Marathi, Hindi & English) for all the posts.

### 10.1 Detailed Selection Procedure:

#### I. For the posts of Stipendiary Trainee (Scientific Assistant-Category-I (ST/SA) and Scientific Assistant/B(Civil)

##### A] Stage-1 – Online Test

1. **Total Questions** : 50 Multiple Choice Questions (with choice of 04 answers)
2. **Duration** : 1½ hours (90 minutes)
3. **Syllabus** : Questions pertaining to respective discipline (subject knowledge)
4. 02 (Two) marks for each correct answer.
5. 0.5 (half) negative mark for each incorrect answer.
6. **Maximum Marks** – 100 marks
7. The online test may be conducted in single/multiple sessions depending upon logistical requirements.
8. **Qualifying Standards** : 40% (UR Category) and 30% (SC/ST/OBC(NCL)/EWS/PwBD).
9. Relaxation in marks for SC/ST/OBC(NCL)/EWS/PwBD candidates will be applicable only if vacancy exists in relevant reserved category.
10. **Shortlisting for Personal Interview** : The number of candidates shortlisted for Personal Interview would depend upon the number of candidates qualifying for Personal Interview but will not exceed 5 times the number of vacancies notified in all reserved and unreserved categories for each post. In case adequate numbers of candidates are not available, then only candidates qualified will be interviewed. However, in case of tie, the number of candidates to be interviewed will exceed the limit of 5 times.

##### B] Stage 2- Personal Interview:

1. Total Interview Marks : 100
2. Language for Personal Interview : Candidates appearing for Personal Interview may answer the questions either in Hindi or English.
3. **Qualifying Standards**:- 40% (UR Category) and 30% (SC/ST/OBC(NCL)/EWS/PwBD). Relaxation in marks for SC/ST/OBC(NCL)/EWS/PwBD candidates will be applicable only if vacancy exists in relevant reserved category.
4. Final selection will be based on the overall performance in online test and personal interview. The weightage will be 50:50.

In the event of a tie, following criteria shall be adopted in sequence for deciding position in merit list:-

- Candidates with higher marks in interview will be placed higher on the merit list.
- Candidates with lower negative marks in online test will be placed higher on the merit list.
- Candidates older in age will be placed higher on the merit list.

**II. For the posts of X-Ray Technician (Technician-C), Category-II Stipendiary Trainee (ST/TN)-Maintainer and Category-II Stipendiary Trainee(ST/TN) Operator**

**A] Stage-1– Online Test-Preliminary Test**

1. It will be a screening examination to shortlist candidates and all disciplines will have common question paper format.
2. Online Test will comprise of 50 multiple choice questions (Choice of four answers) of 01 (one) hour duration in the following proportion:

Subject	Mathematics	Science	General Awareness
No. of Questions	20	20	10

3. 03 (Three) marks for each correct answer and 01 (one) negative for each incorrect answer.
4. Tests will be conducted in single/multiple sessions depending upon logistics requirement.
5. Qualifying Standards : The qualifying standards shall be as follows:

General Category (UR)– 40% marks  
SC/ST/OBC (NCL)/PwBD /EWS – 30% marks (applicable if vacancy exists in relevant reserved category).

**B] Stage-2 –Online Test- Advanced Test**

All the candidates appearing in Stage-1 will undertake the Stage-2 (Advanced) test.

1. The Test will be of 02 (two) hour duration with maximum of 150 marks.
2. The Test will comprise 50 Multiple choice questions (Choice of four answers)
3. 03 (Three) marks for each correct answer and 01 (one) negative mark for each incorrect answer.
4. The level of questions will be related to their qualifying academic / professional / technical qualification.
5. Qualifying Standards: The qualifying standards shall be as follows:  
General Category (UR)– 30% marks  
SC/ST/OBC (NCL)/PwBD/EWS –20% marks (applicable if vacancy exists in relevant reserved category).

**A merit list of candidates will be prepared after Stage-2 based upon scores obtained in Stage-2 only.**

In the event of a tie, following criteria shall be adopted in sequence for deciding position in merit list:

- ✓ Candidates with lower negative marks in Stage-2 will be placed higher on the merit list.
- ✓ Candidates with higher marks in Stage-1 will be placed higher on the merit list.
- ✓ Candidates with lower negative marks in Stage-1 will be placed higher on the merit list.
- ✓ Candidates with higher positive marks in mathematics in Stage-1 will be placed higher.
- ✓ Candidates with higher positive marks in Science in Stage-1 will be placed higher.

Candidates have to undergo the Preliminary and Advanced Test i.e. Stage -1 & Stage-2 tests on the same day. Stage-1 & Stage-2 tests (CBTs) are to be conducted back to back without any break in a single day.

**The Stage-2 examination will be considered for evaluation, only if candidate qualifies in Stage-1 examination.**

**Note :** Procedure for Stage-1 and Stage-2 for the posts of X-Ray Technician (Technician-C), Category-II Stipendiary Trainee (ST/TN)-Maintainer and Category-II Stipendiary Trainee(ST/TN) Operator are same, however Stage-3 is different for the above posts as furnished below :

**Stage-3 – Document Verification / Physical Standard Examination for the post of Category-II  
Stipendiary Trainee (ST/TN)-Maintainer and Category-II Stipendiary Trainee(ST/TN)  
Operator**

- i. Based upon the merit list prepared after Stage-2, candidates in each trade will be shortlisted for Stage-3.
- ii. The number of candidates shortlisted for Stage-3 would depend upon the number of candidates qualifying for Stage-2 but should not exceed 3 times the number of vacancies notified in all reserved and unreserved categories for each post. However, in case of tie the number of candidates to be shortlisted may exceed the limit of 3 times.
- iii. Candidates clearing the Document Verification / Physical Standard Examination will be shortlisted and empanelled in order of merit based on marks secured in Stage-2.

**Stage 3 : Document Verification and Skill Test for the post of X-Ray Technician**

- i. Based upon the merit list prepared after Stage-2, candidates will be shortlisted for Stage-3.
- ii. The skill test will be of qualifying nature only on Go (Qualified) / No Go (Not Qualified) basis.
- iii. Qualifying Standards for Skill Test: The qualifying standards shall be as follows:  
General Category (UR)– 50% marks  
SC/ST/OBC (NCL)/PwBD/EWS –40% marks (applicable if vacancy exists in relevant reserved category).
- iv. The number of candidates shortlisted for Stage-3 would depend upon the number of candidates qualifying for Stage-2 but should not exceed 5 times the number of vacancies notified in all reserved and unreserved categories for each post. However, in case of tie the number of candidates to be shortlisted for Stage-3 may exceed the limit of 5 times.
- v. The shortlisted candidates will undergo Skill test only on successful completion of Document Verification.
- vi. Candidates clearing the Skill Test to be shortlisted and empanelled in order of merit based on marks secured in Stage-2.

**III. For Assistant Gr.1(HR)/Assistant Gr.1(F&A)/Assistant Gr.1(C&MM)**

**A] Stage-1– Online Test-Preliminary Test**

1. Online Test will comprise of 50 multiple choice questions (Choice of four answers) of 01 (one) hour duration in the following proportion for a maximum of 150 marks :

Subject	General Knowledge & Current Affairs	Computer Knowledge	English
No. of Questions	25	15	10

2. 03 (Three) marks for each correct answer and 01 (one) negative mark for each incorrect answer.
3. Tests will be conducted in single/multiple sessions depending upon logistics requirement.
4. Qualifying Standards : The qualifying standards shall be as follows:  
General Category (UR)– 40% marks  
SC/ST/OBC (NCL)/EWS/PwBD – 30% marks (applicable if vacancy exists in relevant reserved category).  
Accordingly, the General category candidates with less than 40% marks and the candidates belonging to SC/ST/OBC(NCL)/EWS/PwBD with less than 30% marks will be screened out for Stage-2.

**B] Stage-2 – Online Test- Advanced Test**

1. All the candidates appearing in Stage-1 will undertake the Stage-2 (Advanced Test). The Test will be of 02 (two) hours duration for a maximum of 150 marks.
2. The Test will comprise of 50 Multiple choice questions (Choice of four answers) from the following syllabus:  
Quantitative Aptitude – 25 Questions  
Critical Reasoning – 25 Questions
3. 03 (Three) marks for each correct answer and 01 (one) negative mark for each incorrect answer.

4. Qualifying Standards: The qualifying standards shall be as follows:  
 General Category (UR)– 30% marks  
 SC/ST/OBC (NCL)/EWS/PwBD –20% marks (applicable if vacancy exists in relevant reserved category).  
 Accordingly, the General category candidates with less than 30% marks and the candidates belonging to SC/ST/OBC (NCL)/EWS/PwBD with less than 20% marks will be screened out for next stage.

**A merit list of candidates will be prepared after Stage-2 based upon scores obtained in Stage-2 only.**

In the event of a tie, following criteria shall be adopted in sequence for deciding position in merit list:

- ✓ Candidates with lower negative marks in Stage-2 will be placed higher on the merit list.
- ✓ Candidates with higher marks in Stage-1 will be placed higher on the merit list.
- ✓ Candidates with lower negative marks in Stage-1 will be placed higher on the merit list.
- ✓ Date of Birth of the Candidates (Candidates with earlier date of birth will be placed higher in the merit list).

**Note :** Candidates have to undergo the Preliminary and Advanced Test i.e. Stage -1 & Stage-2 tests on the same day. Stage-1 & Stage-2 tests (CBTs) are to be conducted back to back without any break in a single day. The responses of Stage-2(Advanced test) by candidates will be considered for evaluation, only if candidate qualifies in Stage-1(Preliminary Test).

#### **Document Verification and Selection to the post**

1. Based upon the merit list prepared after Stage-2, candidates in each trade will be shortlisted for Document Verification.
2. The number of candidates shortlisted for Document Verification would depend upon the number of candidates qualifying for Stage-2 but will not exceed 3 times the number of vacancies notified in all reserved and unreserved categories for each post. However, in case of tie the number of candidates to be shortlisted for Document Verification may exceed the limit of 3 times.
3. Candidates clearing the Document Verification will be empanelled in the order of merit based on marks secured in Stage-2 against the respective posts applied for.
4. On selection to the post of Assistant Gr.1(HR)/(F&A)/(C&MM), the candidates will be placed on probation for a period of one year. On completion of first six month period of probation, he/she will be subjected for typing test @ 30 w.p.m. If the candidate fails to pass this test, a second chance will be provided after a period of one month.

Further, fifteen days Computer Proficiency Training will be provided during probation and probation will be closed subject to passing formal assessment of Computer Proficiency Test.

- Typewriting test on Personal Computer (PC) as per the procedure at (a) below and
- Computer proficiency test on Personal Computer (PC) as per the procedure at (b) below

**Note :** If he/she fails to pass the typing test in second chance or fails in formal assessment of Computer Proficiency Test, his/her services shall be terminated for not acquiring the requisite skills for performing the duty satisfactorily.

#### **(a) PROCEDURE FOR TYPING PROFICIENCY TEST ON PC**

1. Candidates will be issued with a printed passage containing a minimum of 300 words in English. Those interested to take Hindi Typing test may also be given a passage of 300 words in Hindi. The passage would indicate the number of strokes at the end of each line, each para and at the end of the passage.
2. The duration of the test will be 10 minutes subject to what is stated in Para (3) below. Candidates will be required to type the given passage on the computer on word-processing software within 10 minutes at the rate of 30 words per minute for English or 30 words per minute in Hindi.
3. Candidates will be given additional time to the extent of 5 minutes to format the typed passage in the same way as it is in the supplied hand-out and to print the passage in the printer. The following formatting features used in routine will be tested :-

<input type="checkbox"/> Indenting of paragraphs	<input type="checkbox"/> Using different font size
<input type="checkbox"/> Selected text in Bold	<input type="checkbox"/> Inserting of paragraph numbers
<input type="checkbox"/> Underline	<input type="checkbox"/> Center, left, right, justification
<input type="checkbox"/> Italic	<input type="checkbox"/> Setting of left/right margin
<input type="checkbox"/> Using different font type	<input type="checkbox"/> Line spacing of the passage, viz. single, double

4. There is no bar to candidates correcting the mistakes by use of editing tools while typing the passage within the allotted 10 minutes time if the candidate has finished typing the passage before time.

5. The speed, accuracy and mistakes will be evaluated as under:-
  - (a) For one omission/addition of word, one mark will be deducted. If the candidate could not type the entire passage, the number of words left will be counted as omission and one mark will be deducted for each left out word.
  - (b) For each spelling mistake, one mark will be deducted.
  - (c) Total mark for formatting will be 10 marks and total features in the paragraph will be 10 as mentioned at above table. In case of formatting features, if the candidate carries out the formatting as per the specimen, one mark for each feature will be given. Otherwise, no marks will be given. Out of the 10 marks for the formatting features, a candidate should secure at least 6 marks to qualify.
  - (d) In order to qualify the test, the candidate should secure at least 6 out of 10 marks for formatting features and a speed of 30 words per minute in English or 30 words per minute in Hindi.
6. Mistakes to the extent of 3% of the total number of words in the given passage will only be allowed. In case the mistakes exceed 3%, the candidate will be deemed as failed in typing proficiency test.

**(b) PROCEDURE FOR COMPUTER PROFICIENCY TEST**

Computer Proficiency Test will be designed to test the candidate's proficiency in MS Windows Operating System and Desk Top applications such as MS Office (Word, Excel, Access, Power Point), e-mail management and internet surfing.

A test paper consisting of two parts will accordingly be prepared consisting of six questions viz. Part I - for Word, Excel, Access, Power Point and Part II – for e-mail management and internet surfing. The test will be for a duration of 30 minutes and will carry 100 marks.

Part – I will consist of 4 (four) questions and will carry equal marks of 20 each and the Part – II will consist of 2 (two) questions and will carry 10 marks each.

Candidates with 50% and above marks will be declared as qualified (GO) and those with less than 50% will be declared as not qualified (No GO).

**11. Operation of Waiting List**

The wait list shall contain equal number of candidates as in the select list. The wait list shall be operated only in the event of occurrence of a vacancy caused by non-joining of the candidate from the select list within the stipulated time allowed for joining the post or where a candidate joins the post but resigns or dies within a period of one year from the date of joining, if a fresh panel is not available by that time. The wait list, however will not be operated beyond one year from the date of approval of panel or after notifying any such recruitment for the same post, whichever is earlier.

**12. Travelling Allowance (TA) will be reimbursed as follows (For Scheduled Castes and Scheduled Tribes Candidates for appearing for Online Test**

Only outstation Scheduled Caste/Schedule Tribe candidates called for Online Test and who are not employed in Central/State Govt./Public Sector Organisation/Corporation/Local Govt./Panchayat will be paid to and fro Railway fare by II class or ordinary bus fare by the shortest as per rules, on production of original journey tickets along with copy of Community Certificate.

However, the reimbursement will be paid to those candidates who are coming from place beyond 30 kms subject to production of tickets.

The amount towards reimbursement of TA will be remitted to the bank account of the candidates electronically. Accordingly, Scheduled Caste/Schedule Tribe candidates called for online test and eligible for TA will be required to submit their bank account details in the prescribed format as provided.

**13. Verification of Original Documents at the time of Document Verification/Skill Test/Interview.**

The following original documents will be verified at the time of Document Verification/Skill Test/Interview (as applicable). **Non production of original documents will debar the candidate from further recruitment process:**

- a. Two passport size photographs.
- b. Print out of Online Application form.
- c. e-Admit Card generated through online portal.
- d. Valid photo ID issued by Government viz. Aadhaar Card, Driving License, Passport, PAN Card etc.
- e. Date of Birth proof : 10<sup>th</sup> Class passing certificate indicating date of birth OR School Leaving Certificate.