

**SOUTHERN RAILWAY**No. [SR-HQ0HR\(MEDL\)/90/2020 \(94234\)](#)

प्रधान कार्यालय/ Headquarters Office,
कार्मिक शाखा/Personnel Branch,
चेन्नै / Chennai – 600 003,
दिनांक/ Dated – as signed.

**PCMD/MAS, , PCPO/ICF, MD/RH/PER
DRM/P/MAS, TPJ, MDU, SA, PGT, TVC.**

विषय / Sub: - Selection for the post of Lab Superintendent in level – 6 of VII CPC Pay Matrix for serving staff in the Medical Department with prescribed educational qualification.

Online Applications are invited for the post of Lab Superintendent in Medical Department in Level – 6 Pay Matrix (VII CPC) from serving employees in the Medical Department of Southern Railway & ICF with the prescribed qualification.

The break-up of vacancies in the category of Lab Superintendent for which selection is to be conducted is as under: -

UR	ST	Total	Suitability for PwBD Deaf and Hard of Hearing (D & HH) (RBE No. 74/2022 & PBC No. 37/2019)
03	01	04	1

1.0 The required educational qualification for the said post is as under: - (RBE No. 225/2001 & RBE No. 178/2019).

a) “B. Sc with Bio-Chemistry / Micro Biology / Life Science or equivalent” **plus** Diploma in Medical Lab Technology (DMLT).

Or

b) B.Sc in Medical Technology (Laboratory) form recognized Institution.

Or

c) The staff working as Lab Technician / Assistant Chemist in level – 5 of VII CPC Pay Matrix and possessing the qualification of Matriculation with Science plus Diploma in Medical Lab Technology (DMLT) with 5 years of regular service in level – 5 of VII CPC Pay matrix.

1.1 Employees with a minimum 2 years of regular service as on date of issuing notification.

1.2 Volunteers are called for, from among the employees possessing the above qualification working in Medical Department of Southern Railway and ICF.

1.3 Medical Standard – B1

1.4 **Degree of Benchmark Disability for reservation and Competent Authority for issue of Certificate:-** Only such persons would be eligible for relaxation in conditions/reservation in posts who suffer from **not less than 40 percentage of relevant benchmark disability**. Those persons with Benchmark Disabilities (PwBD) who have availed the relaxation and/or reservation and shortlisted for Document Verification have to submit Certificate of Disability issue by the Competent Authority.

1.5 Selected PwBD candidates will be subjected to medical examination by Railway Medical Authorities at the time of appointment and only those conforming to the medical standards as laid down in the Indian Railway Medical Manual and other extant provisions, as the case may be, will be eligible for appointment.

2.0 Volunteers should ensure that they possess/ fulfil all the eligibility conditions prescribed for the post as on date of issuing notification.

- 2.1 Before filling up of the online application, candidates are advised to thoroughly read the entire instructions and information in the detailed available on the official websites.
- 2.2 The selection consists of written test and perusal of Record of Service. The syllabus for the written test is enclosed. The Question paper will be 100 % Objective Type and all the terms and conditions referred in the Board's letter No.E(NG)1/2018/PM1/4 dated 14.12.2018 (RBE No. 196/2018) will be strictly adhered to.
- 2.3. In terms of Railway Board's letter No.E(NG)I-90/PM1/41 Dated 08.07.1992, use of regional language in lieu of English & Hindi is permitted. The term "Regional Language" as used here means, the Official language of the state in which the office is located. Accordingly use of **Tamil and Malayalam** are allowed.
- 2.4. Candidates must obtain a minimum of 60% marks in professional ability and 60% marks of the aggregate for being placed on the panel. However, in case of SC/ST employees 50% marks in Professional ability and 50% in aggregate would be required for enabling them to be empanelled against reserved post.
- 2.5 There shall be negative marking for incorrect answer. One third of marks allotted for each question will be deducted for wrong answers.
- 2.6 The final empanelment for the vacancies notified would be as per merit.
- 2.7. As the vacancies of Lab Superintendent are assessed covering all Divisions/Units of Southern Railway & ICF, the employees who are selected are liable to be posted to any division/units of Southern Railway & ICF.

2.8

Opening of online registration of application	29-10-2024
Closing of online registration of application	14-11-2024
Last date of forwarding received applications by concerned Personnel Branch officials to HQrs.	21-11-2024

3.0 How to apply : -

- a) **Candidates can apply for the notified post ONLINE by visiting the official website www.srhqpb.in link for the web portal is available in Personnel Department section of the Southern Railway internet website and in the Railnet website of Southern Railway.**
- b) **The detailed instructions for the online application is available in the web portal.**

3.1 Applicants must note that if any information furnished is found to be false at any stage, the application / candidature will be liable to be rejected. Submission of false or misleading information by the applicant is liable for D&AR action against him/her.

3.2 The applications received will be treated as "Invalid/Ineligible" on the following grounds.

1. Application unsigned.
2. Application without affixing latest photo.
2. Application without verification and certification of Supervisory officials.

The notification should be given wide publicity and employees who are on Leave / Sick list / on deputation etc. should be notified of the Selection.

Encl: - Annexure A- Syllabus.

Annexure B- Instructions for the online application.

Digitally Signed by M Syed
Sirajuddin

Date: 25-10-2024 14:33:28

Reason: Approved
(M SYED SIRAJUDDIN)

Asst. Personnel Officer / SMO
for Principal Chief Personnel Officer

Copy to: - CVO/MS, CWM/C&LW, PCMO/ICF.

CMS/MAS @ MS, CMS/TPJ @ GOC, MDU, SA, PGT, TVC.

GS/SRMU, GS/AISCSTREA, GS/SIOBC – for kind information.

S&WI/System/HQ – to upload in the railnet.

Syllabus for Selection to the post of
Lab. Supdt. in PB No. 9300-34800/GP N. 4200/-
Level 6 in Pay Matrix VII CPC - Medical
Department.

> BASIC PRINCIPLES OF LABORATORY WORK

1. Laboratory Safety, Universal precautions, Laboratory Ware, Cleaning methods
2. Sterilization & Disinfection procedures, Anticoagulants, Microscopy & its principles

> BIOCHEMISTRY

1. Analytical Systems and Applications
2. Carbohydrates, Lipids, Proteins & Amino Acids
3. Clinical Enzymology
4. Water & Electrolytes
5. The Kidney and Urinalysis
6. The Gastrointestinal Tract, Liver & Biliary System
7. The Endocrine System

> MICROBIOLOGY

1. Applied Microbiology—Basic concepts, Techniques and Methods
2. Academic Bacteriology and its Practical applications
3. Culture Media & Sterilization methods
4. Systemic Bacteriology—Gram positive and Gram negative cocci, Gram positive bacilli, Enterobacteriaceae, Mycobacteriaceae, Spirochetes
5. Parasitology
6. Immunology & Serology
7. Collection & Examination of specimens for Microbiological Investigations

> IMMUNOHAEMATOLOGY

1. Principles & Practice of Immunohaematology
2. Blood Banking—Blood donation, Transfusion principles, Blood groups, Cross matching principles, Component therapy.

[Signature] 20/4/13

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1. Principles of Hematology-Haemotopoiesis & Bone marrow, Erythrocytes, Anemias, Leukocytes & its disorders, Leukemias.
2. Practice of Haemotology-Collection & handling of Blood, Basic Hematological techniques, Staining methods, Investigation of Anemias & Leukemias.

> HEMOSTASIS-PRINCIPLES AND PRACTICE

1. Hemostatic mechanism, Extrinsic and Intrinsic Pathways of coagulation, Coagulation factors, The Platelet system, Bleeding & Coagulation disorders
2. Investigation of Bleeding & Coagulation disorders, Laboratory Control of Anticoagulant, therapy.

> HISTOPATHOLOGY & CYTOLOGY

1. Basic principles, Preservation of tissues. Fixation, Dehydration, Clearing, impregnation and embedding, Section Cutting, Mounting.
2. Staining procedures in Histotechnology & Cytology.

[Handwritten Signature]
26/4/12
