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The Lab Technician works in the testing laboratory of a government hospital — drawing blood, urine and other samples, running the tests, operating and calibrating the machines, quality control, and preparing the report. A...



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व्याख्याता (राजनीति विज्ञान) · रा.उ.मा.वि. टापरा

करियर मार्गदर्शन कार्यशाला, डाइट बाड़मेर (14-17 जुलाई 2026) में विकसित व लोकार्पित
Developed & unveiled at the Career Guidance Workshop, DIET Barmer (14-17 July 2026)

यह एक स्वतंत्र परियोजना है, जो सरकार की आधिकारिक करियर-मार्गदर्शन सामग्री पर आधारित है। · An independent project based on the Government's official career-guidance content.

1 About this career

The Lab Technician works in the testing laboratory of a government hospital — drawing blood, urine and other samples, running the tests, operating and calibrating the machines, quality control, and preparing the report. A doctor's diagnosis rests heavily on that report: malaria, typhoid, tuberculosis, diabetes, anaemia — most of these are found by a test, not by symptoms. The qualification is not a degree: Class 12 with science, then a medical laboratory diploma and registration with the Rajasthan Para Medical Council. Keep one thing clear — this post is entirely different from the Education Department's "Laboratory Assistant (Science)", which is a school science-lab post; this one is a hospital testing laboratory.

2 At a glance

Minimum qualification	Lab Technician — Senior Secondary in science (with biology or mathematics) + a diploma in Medical Lab Technician + registration with the Rajasthan Para Medical Council. Lab Assistant — Senior Secondary with science + a Diploma in Medical Laboratory Technology
Recruiting body	Rajasthan Staff Selection Board (RSSB) / the Appointing Authority — Medical & Health Department
Age limit	Minimum 18. The upper age limit is not given here — that figure could not be read from the extracted text of these rules; see the advertisement — the upper limit is relaxed for reserved categories and for women (detail below)
Starting salary	Pay matrix level not officially confirmed — see the advertisement
Demand	Lab Technician — 85% direct recruitment, 15% departmental. Lab Assistant — 100% direct

3 What you need

INTERESTS

- An interest in science, particularly biology and chemistry
- Precise work with machines and a microscope
- Contributing to health care without treating patients directly

ABILITIES

- Great accuracy — one wrong figure in a report sends the treatment in the wrong direction
- Holding concentration through repetitive work
- Keeping a patient at ease while taking a sample

KEY SKILLS

- Collecting and labelling blood, urine, sputum and other samples
- Microscopy for malaria parasites and tuberculosis
- Blood counts, blood grouping, sugar, haemoglobin and biochemistry tests
- Running and calibrating automated analysers
- Quality control and the storage of reagents
- Disposing of biomedical waste by the rules, and infection control
- Preparing reports and keeping records

4 How to get there

- 1 Pass Class 10, then take science in Class 11. For Lab Technician the rules accept biology OR mathematics, so the road stays open even if biology was not available.
- 2 Pass Class 12 with science.
- 3 Do the medical laboratory diploma at an institute recognised by the State Government, the Central Government or the Rajasthan Para Medical Council. Check that recognition before admission — a diploma from an unrecognised institute is worthless at registration.
- 4 Register with the Rajasthan Para Medical Council. For Lab Technician the rules make this the second compulsory half of the qualification.
- 5 Apply knowing which of the two it is — Lab Technician is the senior post (85% direct), Lab Assistant the one below it (100% direct). Check in the advertisement which post the recruitment is for.
- 6 After document verification, join the testing laboratory of a hospital.

MAIN EXAMS

- Selection is by the Board or the Appointing Authority. The marking scheme and syllabus are published in that cycle's advertisement.
- A one-time relaxation for Lab Assistant — the rules provide that those without a recognised professional qualification, but who have passed Secondary and have at least three years' service as a Laboratory Technician or Laboratory Assistant in a State Government hospital laboratory on contract or through a service provider agency, are also eligible. It is a one-time measure, not the standing rule.
- An old requirement that no longer applies — if you read anywhere that "Secondary plus nine months' training" is enough for a Lab Technician, that is an older line in the rules, replaced by a notification of 6 February 2013. The current requirement is Senior Secondary with science plus the diploma plus registration. The old wording still circulates in coaching material and old notes.
- Reservation for women — under these rules, in direct recruitment 50% of the posts of Nurse Grade-II and Public Health Nurse are reserved for women and 30% of the remaining posts category-wise, of which one third is kept for widows and divorced women in the ratio of 80:20.

- Note — this post is not in the Schedules to the CET Rules 2022, so no CET is required for it.
- Relaxation in the upper age limit — 5 years for male candidates of the Scheduled Castes, Scheduled Tribes, Backward Classes, More Backward Classes and Economically Weaker Sections; 5 years for women candidates of the General category; and 10 years for women candidates of those same categories. Which means plainly that the bare figure printed against a post understates a reserved-category woman's eligibility by a decade — if you are in that category, work out your eligibility only after adding the relaxation. In Rajasthan, 30% of the posts in direct recruitment are reserved category-wise for women candidates. Widows and divorced women have no upper age limit at all — the rules say it in those words. It is Rule 13(9) of the Rajasthan State and Subordinate Services (Direct Recruitment by Combined Competitive Examination) Rules 1999, it appears again as the same proviso in the Rajasthan Medical & Health Subordinate Service Rules, and RPSC advertisements reproduce it. A widow must furnish a certificate of the death of her husband from the competent authority, and a divorced woman the proof of divorce. The exact terms of relaxation and reservation are given in that recruitment's own advertisement.

5 Where to study

GOVERNMENT INSTITUTES

- Government Senior Secondary Schools — Class 12 with science — In every block
- Government medical colleges — DMLT and medical laboratory diplomas — Jaipur, Jodhpur, Bikaner, Ajmer, Udaipur, Kota and others (<https://ruhsraj.org/>)
- Rajasthan Para Medical Council — recognition and registration — Jaipur (<https://rajswashya.rajasthan.gov.in>)

ONLINE

- राजस्थान पैरामेडिकल काउंसिल — मान्यता प्राप्त संस्थान एवं पंजीकरण — Check an institute's recognition here before taking admission (<https://rajswasthya.rajasthan.gov.in>)
- चिकित्सा एवं स्वास्थ्य विभाग, राजस्थान — The department this post belongs to (<https://rajswasthya.rajasthan.gov.in/>)
- राष्ट्रीय क्षय रोग उन्मूलन कार्यक्रम — जाँच प्रयोगशालाओं की भूमिका — Government of India, free material (<https://mohfw.gov.in>)
- आर.एस.एस.बी. — पिछले प्रश्न-पत्र, उत्तर कुंजी व पाठ्यक्रम (निःशुल्क) — The Staff Selection Board's own site — the most reliable free preparation material there is (https://rsmssb.rajasthan.gov.in/show_archived?menuName=Xj4lCb9vGxpQnfLs%2FxlZ2g%3D%3D)
- विभागीय सेवा नियम (कार्मिक विभाग) — पद की योग्यता व आयु मूल दस्तावेज़ में पढ़ें — The Department of Personnel publishes the service rules for every cadre. Read these before any coaching material — qualification, age and the method of recruitment are settled here and nowhere else. (<https://dop.rajasthan.gov.in/>)
- स्वयं (SWAYAM) — भारत सरकार के निःशुल्क ऑनलाइन कोर्स — Free (<https://swayam.gov.in/>)
- राष्ट्रीय डिजिटल पुस्तकालय (NDLI) — Free books and study material (<https://ndl.iitkgp.ac.in/>)
- एन.सी.ई.आर.टी. — निःशुल्क पाठ्यपुस्तकें — The foundation for general knowledge, maths and science (<https://ncert.nic.in/>)

FEES

Schooling to Class 12 with science at a government school is close to free. The medical laboratory diploma costs very little at a government medical college and several times more at a private institute — so try the government route first. There are many unrecognised private courses in this field, and an unrecognised diploma wastes the whole time and fee; check the Rajasthan Para Medical Council's list before admission. The registration fee runs to a few thousand rupees. A practical point — the same qualification finds work immediately in private testing laboratories, hospitals and collection centres, so the benefit of the study does not hang on a government selection.

SCHOLARSHIPS

- Mukhyamantri Anuprati Coaching Yojana (free coaching, apply via SSO) (<https://sso.rajasthan.gov.in/signin>)
- Rajasthan Social Justice and Empowerment Dept scholarships (<https://sje.rajasthan.gov.in/>)
- National Scholarship Portal (NSP) (<https://scholarships.gov.in/>)
- Buddy4Study scholarship search (<https://www.buddy4study.com>)

6 What the work is like

WHERE YOU WORK

The testing laboratories of government hospitals, community and primary health centres, district tuberculosis centres, blood banks, and the camps run for malaria and seasonal disease screening.

WORK CULTURE

At the larger hospitals the laboratory runs round the clock, so shift work and night duty are normal — an emergency test can arrive at any hour. The number of samples rises sharply during morning OPD, and speed has to be held together with accuracy. The risk of infection is real because the work is with blood and other samples, so gloves, disposal and the biomedical waste rules are never relaxed. Most of the work is with machines and a microscope in a comparatively quiet setting — a good road for a student who likes science but does not want to treat patients directly. The satisfaction is that the report is what sets the direction of treatment; reading one malaria slide correctly is what gets somebody's fever cured.

WHO HIRES

- Medical & Health Department, Government of Rajasthan
- Hospitals attached to the Medical Education Department
- Blood banks and district public health laboratories
- Government district hospitals and community health centres
- Laboratories of the national tuberculosis elimination and malaria control programmes
- Private testing laboratories and collection centres (independently of any government selection)

DEMAND (2026)

Reliance on testing keeps growing — the free diagnostics scheme sharply increased the number of tests done in government hospitals, and every community health centre runs a laboratory, so this post is permanently needed. Read the arithmetic carefully, because it differs between the two posts: 85% of Lab Technician posts go by direct recruitment and 15% to departmental employees, while 100% of Lab Assistant posts are direct. So for a candidate from outside, the Assistant post is fully open and the Technician post roughly six-sevenths open. One more thing said honestly: the rules carry a one-time relaxation for Lab Assistant under which people who have worked three years in government laboratories on contract or through an agency are also eligible, so the shape of the competition can change in that cycle. The most practical point is that this qualification does not depend on a government selection — private testing laboratories, hospitals and collection centres all take the same diploma. One thing to be clear about — the "demand" described above counts posts, not your chance of getting one. Selection is by open competition and the number of applicants runs to many times the number of posts, so most candidates are not selected in any given recruitment. That is not an argument against this career; it is an argument against making it your only plan. Keep studying or building a skill alongside your preparation, so that the year is not lost whichever way the result goes.

7 Career growth

- 1 Lab Assistant — 100% direct recruitment
- 2 Lab Technician — 85% direct recruitment, 15% departmental
- 3 Senior Lab Technician — 100% by promotion, on service as Lab Technician
- 4 Technical Assistant and Senior Technical Assistant, through promotion

EARNINGS

Starting	विज्ञप्ति में घोषित पे मैट्रिक्स स्तर के अनुसार
Mid level	₹35,000 – ₹45,000 (भत्तों सहित, कुछ वर्षों बाद)
Senior level	₹50,000 से अधिक (भत्तों सहित, वरिष्ठ तकनीशियन एवं तकनीकी सहायक स्तर पर)

The two posts are not on the same pay — Lab Technician is the senior of the two and pays more; the advertisement gives them separately. When comparing, keep in mind that the cost of reaching this post is two years after Class 12, and that the same qualification earns in the private sector too. The starting figure is BASIC PAY, so that it can be compared directly against other careers. Dearness allowance (60% of basic since 1 January 2026) and house rent allowance are added on top of it, so take-home pay is appreciably higher. The mid-level and senior figures are approximate monthly income including allowances, not basic pay. Note — in Rajasthan a direct recruit is a probationer-trainee for the first 2 years and is paid a fixed remuneration, not the pay scale; dearness allowance and house rent allowance are not payable in those two years (Rajasthan Service Rules, rule 7(30A)). The full pay scale applies once probation is completed. The pay matrix level for this post could not be confirmed on this page from an official document — it is not in the service rules and not in the CET Rules 2022 schedule. No level is therefore stated here. The correct figure is printed in the official advertisement for the recruitment; check it there before applying. The figures above rest on the Rajasthan 7th pay matrix, which is what applies as of 17 August 2026. The Terms of Reference of the 8th Central Pay Commission were approved on 28 October 2025 and it must report within 18 months of its constitution. State governments normally adopt a Central Pay Commission with modifications, and later than the Centre does — so Rajasthan pay will be revised too, though by how much and when is not yet settled.

8 The good parts · The challenges

The good parts

- No degree needed — a diploma after Class 12 science is enough
- The rules accept biology or mathematics, so the road stays open for a mathematics student too
- The qualification earns immediately in private laboratories — no dependence on a government selection

The challenges

- Work with blood and samples — a real risk of infection and constant care
- Shifts and night duty are normal at the larger hospitals
- A diploma from an unrecognised institute is worthless at registration — check recognition first

9 Sources & further reading

1. Rajasthan Medical and Health Subordinate Service Rules, 1965 (Department of Personnel) — https://dop.rajasthan.gov.in/writer-eaddata/modulCategory/202310191130523544303Medical1965_merged.pdf
2. Medical & Health Department, Rajasthan — the Para Medical Council site is not currently reachable — <https://rajswashya.rajasthan.gov.in>

3. Medical & Health Department, Government of Rajasthan — <https://rajswasthya.rajasthan.gov.in/>

4. Rajasthan Staff Selection Board (official) — <https://rssb.rajasthan.gov.in/>

5. Department of Personnel, Rajasthan — service rules — <https://dop.rajasthan.gov.in/>

6. 8th Central Pay Commission — Cabinet approval of the Terms of Reference (PIB, 28 October 2025) — <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2183289>

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