RSSB JE Syllabus 2026 - Junior Engineer (Civil / Electrical / Mechanical)

Rajasthan Staff Selection Board (RSSB), Jaipur - Advt. No. 10/2026 | Official website: rssb.rajasthan.gov.in

Exam: 3-5 February 2027 (tentative / proposed)

Exam Pattern

Written Exam - One Paper, Two Parts

Part	Subject	Questions	Marks
Part A	General Knowledge of Rajasthan	40	40
Part B	Concerned Engineering Subject (as per post)	80	80
Total	120 objective questions, 2 hours	120	120

Negative marking: 1/3 mark deducted for every wrong answer.

Minimum qualifying marks: 40% aggregate (48 out of 120).

OMR answer sheet: 5 options (A to E); darken option E if a question is left unattempted. 10 minutes extra are given to fill the bubbles.

Four Papers - One Per Cadre

Paper (Part B subject)	Marks	Duration
Junior Engineer (Civil) - Degree	120	2 hours
Junior Engineer (Civil) - Diploma	120	2 hours
Junior Engineer (Electrical) - Degree	120	2 hours
Junior Engineer (Mechanical / Electrical) - Diploma	120	2 hours

Part A (General Knowledge of Rajasthan, 40 marks) is common to all four papers. Part B (80 marks) is the candidate's own engineering branch.

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Syllabus - Subject-wise Topics

Part A - General Knowledge of Rajasthan (40 marks)

- History, Art, Culture and Traditions of Rajasthan - main sources of history, prehistoric civilisations, major dynasties, Mughal-Rajput relations, architecture, forts, monuments and structures
- Religious movements, folk gods and goddesses, handicrafts, paintings, Rajasthani language and literature, fairs, festivals, folk music, folk dance, musical instruments and jewellery
- Rajasthani culture, tradition and heritage; important historic tourist places; main personalities of Rajasthan
- Princely states and British treaties, mass movement of 1857, farmers and public revolution movements, Prajamandal movement, integration of Rajasthan
- Heritage of Rajasthan - literature, economy of Rajasthan and India, science and technology
- Geography of Rajasthan - status and expansion, desert region, Aravali mountain region and plains, drainage system, soil, climate, natural vegetation, forest and wildlife conservation
- Environmental and ecological issues, desertification, agro-climatic regions and major crops, livestock, multipurpose and irrigation projects, water conservation, transportation, minerals

Part B - Civil Engineering (Degree / Diploma)

- Surveying
- Building Materials, Estimating, Costing and Valuation
- Transportation Engineering
- Environmental Engineering
- Soil Mechanics
- Hydraulics
- Irrigation Engineering

Part B - Mechanical Engineering (Mechanical / Electrical Diploma paper)

- Fluid Mechanics and Fluid Machines
- Design of Machine Components
- Kinematics and Dynamics of Machines
- Turbomachines
- Thermodynamics and Heat Transfer
- Mechanics of Solids
- Machine Drawings and AutoCAD - Mechanical Engineering drawings

Part B - Electrical Engineering (Degree paper, and part of Mechanical / Electrical Diploma paper)

- Electrical Circuits and Fields
- Electrical Machines
- Power Systems
- Control Systems
- Power Electronics and Drives
- Measurements, Instrumentation and Transducers
- Analytical Instrumentation and Industrial Instrumentation
- Digital Electronics and Digital Signal Processing
- Communication Engineering
- Computer Control of Processes and Networks

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Source: RSSB Junior Engineer Combined Direct Recruitment 2026, Advt. No. 10/2026 (revised 17 November 2026), Rajasthan Staff Selection Board (rssb.rajasthan.gov.in). This PDF is a clean, readable compilation of the official syllabus prepared by SarkariEra.com (sarkariera.com). The Civil syllabus is NOT the whole JE syllabus - there are four papers with different Part B content, as listed above. Candidates should always check the official notification on the board website for the final syllabus and any updates.