

RIMC ENTRANCE EXAMINATION

Complete Syllabus, Exam Pattern & Calendar — 2027

Rashtriya Indian Military College · Dehradun | Admission to Class VIII

EXAM OVERVIEW

Parameter	Details
Conducting Body	Rashtriya Indian Military College (RIMC), Dehradun
Exam Frequency	Twice a year — June (for Jan term) & December (for July term)
Eligibility (Age) — Jan 2027 Term	11½ to 13 years as on 01 January 2027 (Born between 02 Jan 2014 and 01 Jul 2015)
Eligibility (Age) — July 2027 Term	11½ to 13 years as on 01 July 2027 (Born between 02 Jul 2014 and 01 Jan 2016)
Eligibility (Class)	Studying in or passed Class VII from a recognised school
Gender	Open to both Boys and Girls
Total Seats	Approx. 25 per term (state-wise quota)
Medium	English
Mode	Offline (Pen & Paper)
Minimum Qualifying Marks	50% in each subject (written exam)

WRITTEN EXAMINATION PATTERN

Subject	Max. Marks	Duration	Type
Mathematics	200	2 hrs 30 min	Written / Descriptive
English	125	1 hr 30 min	Written / Descriptive
General Knowledge	75	1 hr	Written / Objective
TOTAL (Written)	400	5 hrs 30 min	—
Viva Voce (Oral)	50	—	Oral Interview
GRAND TOTAL	450	—	—

RIMC EXAM CALENDAR — 2026 & 2027

CYCLE 1 — January 2027 Term | Written Exam: 07 June 2026 ✓

Event	Date / Period	Status
Official Notification Released	09 February 2026	✓ Done
Application Form Available	February – April 2026	✓ Done

Last Date to Submit Application (to State Govt.)	05 April 2026	✓ Done
Written Examination	07 June 2026 (Sunday)	✓ Done
Written Result Declaration	July – August 2026	Upcoming
Viva Voce (Oral Interview)	August – September 2026	Upcoming
Medical Examination	After Viva Voce	Upcoming
Final Merit List & Joining	January 2027	Upcoming

CYCLE 2 — July 2027 Term | Written Exam: December 2026 ★ Projected

Event	Projected Date / Period	Status
Official Notification Release	August – September 2026	★ Projected
Application Form Available	August – October 2026	★ Projected
Last Date to Submit Application	October 2026 (approx.)	★ Projected
Written Examination	First Sunday of December 2026	★ Projected
Written Result Declaration	January – February 2027	★ Projected
Viva Voce (Oral Interview)	February – March 2027	★ Projected
Medical Examination	After Viva Voce	★ Projected
Final Merit List & Joining	July 2027	★ Projected

★ Cycle 2 (July 2027 Term) dates are projected based on the official RIMC annual pattern. Always verify on www.rimc.gov.in. YSDA will notify enrolled students as soon as the official notification releases.

QUICK REFERENCE — ANNUAL RIMC CYCLE AT A GLANCE

Term	Written Exam	Notification	App. Deadline	Joining
January Term	June (every year)	Feb – Mar	Mar – Apr	January
July Term	December (every year)	Aug – Sep	Sep – Oct	July

MATHEMATICS SYLLABUS (200 Marks)

Number System

- Natural numbers, Whole numbers, Integers, Rational numbers
- LCM and HCF — methods and applications
- Divisibility rules, Prime factorisation
- Fractions and Decimals — operations and comparisons
- Square roots and Cube roots
- Surds — basic simplification

Arithmetic

- Ratio and Proportion — direct & inverse
- Percentage — profit, loss, discount
- Simple Interest and Compound Interest
- Time and Work, Pipes and Cisterns
- Time, Speed and Distance — trains, boats
- Unitary Method

Algebra

- Basic algebraic expressions — addition, subtraction, multiplication
- Factorisation of algebraic expressions
- Linear equations in one variable
- Simultaneous linear equations (two variables)
- Indices and Exponents

Geometry

- Lines, angles — types and properties
- Triangles — types, congruency, similarity
- Quadrilaterals — properties of parallelogram, rectangle, square, rhombus
- Circles — chord, arc, sector, tangent (basic properties)
- Construction of geometric figures

Mensuration

- Perimeter and Area: triangle, quadrilateral, circle
- Volume and Surface Area: cuboid, cube, cylinder
- Area of combined figures

Statistics & Data Handling

- Mean, Median, Mode of ungrouped data
- Bar graphs, Pie charts, Histograms — reading and interpretation

ENGLISH SYLLABUS (125 Marks)

Reading Comprehension

- Unseen passages — factual and literary
- Answering in complete sentences
- Vocabulary in context

Grammar

- Parts of Speech — Noun, Pronoun, Verb, Adjective, Adverb, Preposition, Conjunction, Interjection
- Tenses — all forms (Simple, Continuous, Perfect)
- Active and Passive Voice
- Direct and Indirect Speech (Narration)
- Degrees of Comparison
- Articles — definite and indefinite
- Subject-Verb Agreement
- Transformation of sentences
- Clauses — main, subordinate, relative

Vocabulary

- Synonyms and Antonyms
- Idioms and Phrases
- One-word substitution
- Spelling correction
- Fill in the blanks (appropriate word)

Composition & Writing

- Essay / Paragraph writing (descriptive and narrative)
- Letter writing — formal and informal
- Story writing / Picture composition
- Précis writing (summary)

GENERAL KNOWLEDGE SYLLABUS (75 Marks)

India — History & Culture

- Ancient, Medieval, and Modern Indian History — key events
- Freedom movement — important leaders and events
- Indian heritage, art, culture, religion and festivals
- Important historical monuments and sites

India — Geography

- Physical features: mountains, rivers, plains, plateaus
- Climate, vegetation and wildlife
- States, capitals, major cities and Union Territories
- Natural resources — minerals, agriculture

Civics & Polity

- Indian Constitution — basic features
- Fundamental Rights and Duties
- Parliament, President, Prime Minister — roles
- Panchayati Raj and local government
- National symbols — flag, anthem, emblem, animal, bird, flower, etc.

Science & Technology

- Basic concepts of Physics, Chemistry, Biology (Class VI–VIII level)
- Human body — organ systems
- Inventions and discoveries
- Space exploration — ISRO missions (including recent 2026–27 missions)
- Environment and ecology — pollution, conservation

Defence & Military Knowledge

- Indian Armed Forces — Army, Navy, Air Force
- Important battles and wars of India
- Defence installations and headquarters
- Military ranks and insignia
- Important defence awards — Param Vir Chakra, Vir Chakra, etc.
- Gallantry award winners (recent, up to 2027)
- RIMC, Sainik Schools, NDA — overview
- Recent defence acquisitions and modernisation (2026–27)

Current Affairs

- National and international events (last 6–12 months up to exam date)
- Awards and honours — Bharat Ratna, Padma awards, Nobel, Oscars
- Sports — recent tournaments, champions, records (2026–27)
- Important appointments — Governors, CJI, Chiefs of Staff
- Important Government schemes and policies

Miscellaneous

- Books and their authors
- Abbreviations and full forms
- First in India and World
- International organisations — UN, WHO, UNESCO, NATO, etc.
- Important days and dates

VIVA VOCE — ORAL INTERVIEW (50 Marks)

- Conducted by a panel of RIMC officers after the written test
- Assesses personality, confidence, communication, and presence of mind
- Questions on current affairs, general awareness and the candidate's interests
- Basic questions on Indian military, defence and sports
- Candidates should speak clearly in English
- Dress neatly; maintain eye contact and correct posture

MEDICAL & PHYSICAL STANDARDS

Parameter	Requirement
Height	Minimum 145 cm (varies by age)
Weight	Proportionate to height and age
Eyesight	6/6 in each eye (with or without glasses as per norms)

Colour Vision	No colour blindness
Hearing	Normal hearing in both ears
General Health	Fit in all respects — no deformity, disease or disability

PREPARATION TIPS FOR 2027 ASPIRANTS

- Start with NCERT books for Classes VI, VII & VIII (Maths, Science, Social Studies, English)
- Practise previous years' RIMC papers — Mathematics needs daily practice
- Read an English newspaper daily to improve comprehension and vocabulary
- Maintain a current affairs diary — update weekly through 2026 & early 2027
- Revise defence-related GK: ranks, awards, battles, and recent ISRO/defence news up to 2027
- Attempt timed mock tests to build speed and accuracy
- Work on English writing skills — essay and letter formats are frequently tested
- For the June 2026 exam (Jan 2027 term) — focus on results, Viva prep now
- For the December 2026 exam (July 2027 term) — begin full syllabus revision by August 2026
- Join a dedicated RIMC coaching programme for structured guidance and mock interviews