

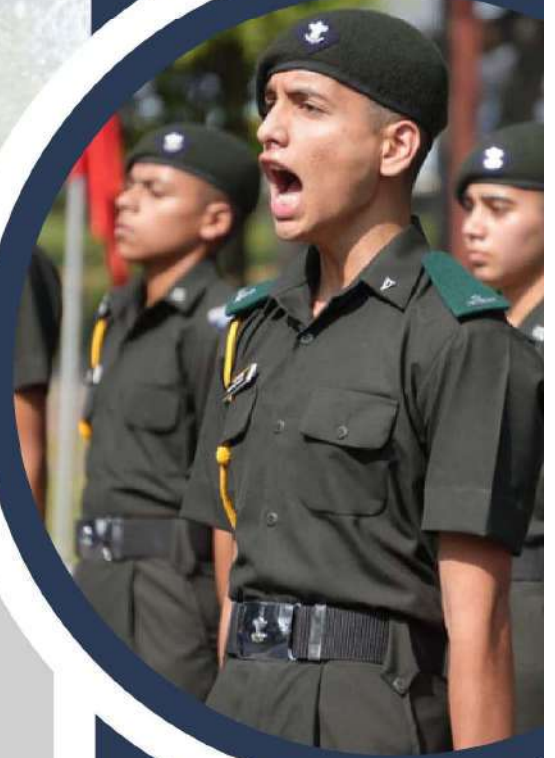


राष्ट्रीय परीक्षा एजेंसी
National Testing Agency
Excellence in Assessment



RIMCEE - 2026

Rashtriya Indian
Military College
Entrance Examination



Information Bulletin

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CHAPTER 8**BROADER SYLLABUS FOR RIMCEE**

The Syllabus is as prescribed by the RIMC. The RIMC Entrance Examination is designed to assess the candidate's academic aptitude and suitability for a rigorous training environment. The syllabus is aligned with the learning standards of Classes VI and VII (CBSE/NCERT) and the broader topics are detailed as under: -

- (a) **Mathematics Exam :** The mathematics exam is Descriptive (Pen & Paper based Written Exam) in Stage-I, and the broader syllabus for the same is as under: -

Arithmetic/ Algebra-Basic operation/ Geometry/ Mensuration.

Sr. No.	Topics	Sr. No.	Topics
1	Natural Numbers	25	Operation on Numbers
2	LCM and HCF	26	Temperature
3	Unitary Method	27	Arranging of Fractions
4	Fractions	28	Indian & International System of Numerals
5	Profit and Loss	29	Large Numbers in Practice - Conversion in Measuring Units
6	Ratio and Proportion	30	Properties of Whole Numbers
7	Simplification	31	Prime & Composite Numbers
8	Average	32	Divisibility Tests
9	Percentage	33	Point, Line Segment, Line, Intersecting Lines, Parallel Lines, Ray, Curves, Polygons, Angles
10	Area and Perimeter	34	Types of Angles Classification of Triangles - Sidewise, Angle wise Polygons
11	Simple Interest	35	Properties of Integers Addition & Subtraction of Integers
12	Lines and Angles	36	Fraction on Number Line Proper, Improper & Mixed Fractions.
13	Complementary and Supplementary Angles	37	Equivalent Fractions Simplest form of a Fraction Like Fractions Comparing Fractions Addition & Subtraction of Fractions.
14	Conversion of Units	38	Comparing Decimals Using Decimals Addition & Subtraction of Decimals
15	Roman Numerals	39	Recording & Organization of Data Pictograph & its Interpretation
16	Types of Angles	40	Perimeter & Area of Square, Rectangle, Parallelogram, Triangle, Arc Length circumference
17	Circle	41	Patterns in Mathematics
18	Volume of Cube and Cuboids	42	Rational
19	Prime and Composite Numbers	43	Real numbers fundamental operation (Addition, subtraction, multiplication, division)
20	Plane Figures	44	Test of divisibility by 2, 3, 4, 5, 6, 9 and 11
21	Decimal Numbers	45	Brackets and removal Brackets, Changing of units
22	Speed and Time	46	Addition, Subtraction, Multiplication, Division, Simple Factors- Simple problem based on A2-B2, split the Middle Term. Solution of a simple linear equation of one variable and its application. Exponents and indices (simple problem) and simple problems based on formula $(a - b)$, $(a+b +c)^2$, etc.
23	Time and work	47	Area of figures which can be split up into the figures (field book), Volume and surface area of cube and cuboids, etc.
24	Simple problems of time and distance	48	Temperature

Highlighted Topics can be merge for better understanding.

- (b) **English Exam:** The English exam is Descriptive (Pen & Paper based Written Exam) in Stage-I, and the broader syllabus for the same is as under: -

Unseen passage, Poem, Composition, Picture writing, Letter (Formal, Informal), Use of Nouns, Pronoun, Verb, Adverb, Adjective, Antonym, Synonyms, Direct, Indirect speech, Use of Phrases, Idioms, Use of Articles, Types of sentences, Spellings, Homophones, etc.

Sr. No.	Topics	Sr. No.	Topics
1	Comprehension Passage	19	Idioms and Phrases
2	Preposition	20	Collective Nouns
3	Article	21	Number
4	Vocabulary	22	Gender
5	Verbs and Type	23	Adverbs
6	Confusing Words	24	Rhyming Words
7	Question Tags	25	Singular/Plural
8	Types of Sentence	26	Subject & Predicate
9	Tense forms	27	Conjunctions
10	Kinds of Nouns	28	Poem
11	Kinds of Pronouns	29	Composition
12	Correct Spelling	30	Picture writing
13	Ordering of words in sentence	31	Letter (Formal, Informal)
14	Sentence Formation	32	Direct
15	Antonyms	33	Indirect speech
16	Synonyms	34	Use of Articles
17	Adjectives	35	Homophones
18	Interjection		

Highlighted Topics can be merge for better understanding.

- (c) **General Knowledge Exam** : The exam is Objective Type (Multiple Choice Questions) in stage I, the broader syllabus for the same is as under:-

Current Affairs, Sciences, Social Sciences, Logical queries, etc as applicable

Sr. No.	Topics	Sr. No.	Topics
1	National Symbols of India	20	Sports and Games (India & World). Renowned personalities, major competitions and trophies associated With various games
2	Application of Science in daily life.	21	Relationship between Animals and Human Beings
3	Major inventions and Nobel prizes	22	Taste and Digestion (Basic concepts)
4	Icons and Symbols of India: National Insignia, National Emblem, Sport, Bird, Animal etc. (Elementary awareness of such symbols)	23	Cooking and Preserving Techniques
5	States of India: Capitals, languages, climatic conditions, lifestyle, culture and heritage.	24	Germination and Seed Dispersal
6	Renowned personalities in the fields of art, music, dance, sports, literature, etc.	25	Experiment with Water on Everyday Life
7	Major Religions of India (Elementary awareness about founder, place of origin, religious books and important ideas)	26	Water Pollution and Microbial Diseases
8	Defence: Equivalent Ranks in three services, Weapons, Aircraft, Missiles & Warships (Elementary awareness)	27	Concepts on Mountain Terrain and Lifestyle
9	Traditional Water Harvesting Techniques	28	Shape of Earth and Gravitation (Basic concepts)
10	Conservation of Nature	29	Non-Renewable Energy Sources (Fossil Fuels)
11	Solar System and Our Earth	30	Food, Culture, Habitat, Languages etc of various regions (Basic concepts)
12	Environmental Issues – Ozone depletion, Pollution etc.	31	Names of young ones of different animals
13	Historical Monuments of India	32	Functions of Body Parts of Plants and Animals
14	International Organizations: Basic knowledge about structure, functioning and objectives of United Nations, World Bank etc.	33	Indian Literary and Cultural Personalities: Names and fields of achievements.
15	Natural Calamities: Floods, earthquakes, tsunamis, cyclones, etc.	34	Indian Literary and Cultural Awards. (Names of the award sand recent recipients)
16	Famous Books and Authors	35	Evaporation, Condensation and Water Cycle (Basic concepts)
17	Current Affairs	36	Life of Farmers (Farming techniques)
18	Different Types of Scientific Devices Used in Daily Life.	37	Tribal Communities and Forest Produce
19	Art and Culture (Music, Classical and Folk Dance); Renowned Personalities, Instrumental and Vocal Music, Major Dance Forms		