

# Rashtriya Indian Military College (RIMC)

## Admission Syllabus class-8th

### Exam Pattern

- Mode of Examination: Offline (Pen and Paper based examination)
- Medium of Exam: Hindi or English (Only English for the English section)

Subject	Marks	Duration
English	125	120 Minutes
Mathematics	200	90 Minutes
General Knowledge	75	60 Minutes
Interview	50 (who have qualified in written exam only)	
<b>450 marks</b>	<b>270 Minutes</b>	

### English

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

### Mathematics

- (a) Arithmetic:- Natural number, Integers, Rational, Real numbers fundamental operation (Addition, subtraction, multiplication, division) Decimal numbers. Unitary method. Simple problems of time and distance, time and work, simple problems of percentage. Profit and loss, simple interest. Prime and composite numbers. Test of divisibility by 2,

3, 4, 5, 6, 9 and 1. HCF and LCM. Ratio and Proportion, Average. Brackets and removal Brackets, Changing of units.

(b) **Algebra:-** Basic operation – Addition, Subtraction, Multiplication, Division, Simple factors- Simple problem based on A2-B2 split the Middle Term. Solution of simple linear equation of one variable and its application. Exponents and indices (simple problem) and simple problems based on formula  $(a - b)^2$ ,  $(a + b + c)^2$ .

(c) **Geometry:-** Lines and Angles, Plane and Plane figure, Properties of Angles at a point, parallel Lines, sides and Angles of a Triangle. Construction of Triangle-Based on side and Angles, Bisecting the Angle and line by use of ruler and compass only. Special angles by use of ruler and compass, definition and simple problems based on quadrilaterals, triangles and polygon.

(d) **Mensuration:-** Area and Perimeter of Square, Rectangle, Parallelogram, Triangle, Arc Length circumference and Area of circle. Area of figures which can be split up in to the figures (field book), Volume and surface area of cube and cuboids.

### **General Knowledge : As application**

**Interview:** The oral examination consists of a Viva Voce test of 50 marks, which is designed to assess a candidate's intelligence, personality and confidence. The minimum passing marks will be 50%.

**Medical Examination:** All the candidates, qualified after interview, will undergo a medical examination at selected Military Hospital and only those candidates found medically fit, will be considered for selection and admission to the RIMC. Medical Examination of the candidates forms only a part of the system of selection and does not guarantee the final selection.




# Rashtriya Indian military college


## Complete Test Series




 **Topic-Wise Quiz**

 **Mixed Quiz**

 **E-notes**


 **Sample Paper**

 **High Quality  
Mock Interview**

 **Previous Year Paper**

 **High-Quality Mock Test**

 **Live Test**

 **Exam Booster  
(M.I. Questions )**

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## Complete Course

FOR

**Class  
8th.**

- |   |  |  |
|---|--|--|
|  <b>Concept Based Videos</b>        |  <b>Previous Year Paper</b>           |  <b>Topic-Wise Quiz</b> |
|  <b>Live Class</b>                  |  <b>High-Quality Mock Test</b>        |  <b>Mixed Quiz</b>      |
|  <b>Daily Time Table</b>            |  <b>Live Test</b>                     |  <b>E-notes</b>         |
|  <b>Practice Videos</b>             |  <b>Exam Booster (M.I. Questions)</b> |  <b>Sample Paper</b>    |
|  <b>High Quality Mock Interview</b> |  |  |

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