

Guide to Entrance Exam Coaching Classes for JNV, Sainik School, RMS and RIMC

1. Welcome to the comprehensive guide for coaching classes tailored to prepare students for entrance exams of prestigious institutions like Jawahar Navodaya Vidyalaya (JNV), Sainik School, Rashtriya Military School (RMS), and Rashtriya Indian Military College (RIMC). These institutions offer excellent opportunities for students to pursue quality education and shape their future careers in the armed forces or other distinguished professions.

2. Entrance exams for these institutions are highly competitive and require thorough preparation to succeed. Our coaching classes aim to provide students with the necessary guidance, resources, and support to excel in these exams and secure admission to their desired institution. The students of the previous grades are trained for the entry into next academic year. The Screening Test will be conducted in the month of June tentatively. Parents will have to arrange for the pick up and drop of their wards. The class timings is fixed to 5 minutes after closure and 45 mins after the special classes commences.

KEY FEATURES OF OUR COACHING:

- (a) **Experienced Faculty**
- (b) **Comprehensive Study Material**
- (c) **Practice Tests and Mock Exams**
- (d) **Individualized Learning Approach**
- (e) **Regular Progress Monitoring**
- (f) **Focus on Conceptual Clarity**
- (g) **Motivational Support and guidance from Resource Persons**

JAWAHAR NAVODAYA VIDYALAYA (JNV):

3. Jawahar Navodaya Vidyalayas (JNVs) are co-educational residential schools affiliated with the Central Board of Secondary Education (CBSE). These schools aim to provide quality education to talented children from rural areas in India, irrespective of their socio-economic background. Admissions to JNVs are done through a national-level entrance examination conducted

by the Navodaya Vidyalaya Samiti (NVS), an autonomous organization under the Ministry of Education, Government of India.

4. **JNV Entrance for Different Classes:**

(a) Class 6: The entrance exam for admission to Class 6 in JNVs is conducted for students who have completed Class 5 in the academic session preceding the entrance examination year. The selection test is conducted annually, usually in the month of April.

(b) Class 9: JNVs also admit students into Class 9 through a lateral entry test. This exam is primarily for students who have completed Class 8 from recognized schools. The entrance test for Class 9 admission is conducted usually in the month of February.

5. **Syllabus for JNV Entrance Exams:**

(a) The syllabus for the JNV entrance exams varies depending on the class for which the student is seeking admission. The syllabus is designed to test the student's understanding of fundamental concepts and their ability to apply them. However, the basic subjects covered include:

(b) For Class 6:

- Mathematics
- Mental Ability
- Language (Hindi/English)

(c) For Class 9:

- Mathematics
- Science
- English
- Hindi

6. **Class 6 Entrance Exam:**

(a) **Mental Ability:**

- Figure Series Completion

- Analogy
- Geometrical Figure Completion
- Mirror Images
- Water Images
- Embedded Figures
- Cubes and Dice
- Paper Folding and Cutting
- Pattern Completion
- Figure Matrix

(b) **Arithmetic:**

- Number System
- Fractions and Decimals
- Simplification
- LCM and HCF
- Percentage
- Profit and Loss
- Average
- Ratio and Proportion
- Simple Interest
- Time, Speed, and Distance
- Perimeter, Area, and Volume

(c) **Language:**

- Reading Comprehension
- Vocabulary (Synonyms, Antonyms, Homophones)
- Grammar (Nouns, Pronouns, Verbs, Adjectives, Adverbs, Articles, Conjunctions, Prepositions)
- Sentence Formation and Rearrangement

7. **Class 9 Entrance Exam:**

(a) **Mathematics:**

- Number System
- Algebra (Polynomials, Linear Equations in Two Variables)
- Coordinate Geometry
- Geometry (Lines and Angles, Triangles, Quadrilaterals, Circles)
- Mensuration
- Statistics and Probability

- Real Numbers
- Rational Numbers
- Introduction to Euclid's Geometry

(b) **Science:**

- Physics (Motion, Force and Laws of Motion, Gravitation, Work and Energy, Sound)
- Chemistry (Matter in Our Surroundings, Is Matter Around Us Pure?, Atoms and Molecules, Structure of the Atom)
- Biology (Cell, Tissues, Diversity in Living Organisms, Natural Resources)

(c) **English:**

- Reading Comprehension
- Vocabulary (Synonyms, Antonyms, Analogies)
- Grammar (Tenses, Modals, Articles, Voice, Narration, Prepositions, Conjunctions)
- Writing Skills (Letter Writing, Paragraph Writing, Essay Writing, Story Writing)

8. **Reference Books For Class 6 Entrance Exam:**

- (a) "Navodaya Vidyalaya Entrance Exam Guide for Class VI" by Arihant Experts
- (b) "Jawahar Navodaya Vidyalaya Entrance Exam Guide for Class 6" by T.S. Jain
- (c) "Navodaya Vidyalaya Entrance Exam Class 6 Solved Papers" by Arihant Experts
- (d) "JNVST Class 6 Guide 2022" by Editorial Team of Prabhat Prakashan
- (e) "Jawahar Navodaya Vidyalaya Entrance Exam for Class VI 15 Practice Sets" by Arihant Experts

9. **Reference Books For Class 9 Entrance Exam:**

- (a) "Navodaya Vidyalaya Entrance Exam Guide for Class IX" by Arihant Experts
- (b) "Jawahar Navodaya Vidyalaya Entrance Exam Guide for Class 9" by RPH Editorial Board
- (c) "Navodaya Vidyalaya Entrance Exam Class 9 Solved Papers" by Arihant Experts

(d) "JNVST Class 9 Guide 2022" by Editorial Team of Prabhat Prakashan

(e) "Jawahar Navodaya Vidyalaya Entrance Exam for Class IX 15 Practice Sets" by Arihant Experts

10. Notifications and Related Information:

The Navodaya Vidyalaya Samiti (NVS) releases detailed notifications regarding the JNV entrance exams on its official website and through other media channels. These notifications contain essential information such as:

- Exam dates
- Application process and eligibility criteria
- Syllabus and exam pattern
- Exam centers
- Admit card release dates
- Result declaration dates
- Counseling and admission procedures

Website reference:

<https://navodaya.gov.in/nvs/en/Admission-JNVST/Enrolment-Policy/>

SAINIK SCHOOLS:

11. Sainik Schools are prestigious institutions in India established with the aim of preparing young boys academically, physically, and mentally for entry into the National Defence Academy (NDA), Indian Naval Academy (INA), and other officer training academies. These schools follow a military-style regimen and provide a conducive environment for students to develop leadership qualities and pursue a career in the armed forces.

12. Sainik School Entrance for Different Classes:

- (a) Class 6: Sainik Schools admit students into Class 6 through an entrance examination known as the All India Sainik Schools Entrance Examination (AISSEE). Boys aged between 10 to 12 years and studying in Class 5 are eligible to appear for this exam.
- (b) Class 9: Some Sainik Schools also offer admission to Class 9 through the AISSEE for boys aged between 13 to 15 years and studying in Class 8.

13. Syllabus for Sainik School Entrance Exams:

- (a) The syllabus for the Sainik School entrance exams is designed to assess students' proficiency in various subjects and their general knowledge. Here's a broad overview of the syllabus:

(b) For Class 6 :

- Mathematics
- General Knowledge (Current Affairs, History, Geography, Civics)
- English
- Intelligence Test

(c) For Class 9 :

- Mathematics

- Science (Physics, Chemistry, Biology)
- English
- Social Studies (History, Geography, Civics)
- Intelligence Test

The syllabus for Mathematics and English generally covers topics from the respective NCERT textbooks of the previous class, with a focus on fundamental concepts and problem-solving skills. The General Knowledge section includes topics relevant to current affairs, history, geography, and civics, aimed at testing the candidate's awareness and understanding of the world around them.

14. **For Class 6 Entrance Exam:**

(a) Mathematics:

- Number System
- Arithmetic (Addition, Subtraction, Multiplication, Division)
- Fractions and Decimals
- Measurement (Length, Weight, Volume)
- Geometry (Basic Shapes, Perimeter, Area)
- Time and Distance
- Data Handling (Bar Graphs, Pictorial Representation)
- Basic Algebra
- General Knowledge:
 - Current Affairs (National and International)
 - History (India and World)
 - Geography (India and World)
 - Civics
 - Sports and Awards
 - Famous Personalities
 - Books and Authors

(b) Language:

- Reading Comprehension
- Vocabulary (Synonyms, Antonyms, Homophones)
- Grammar (Nouns, Pronouns, Verbs, Adjectives, Adverbs, Articles, Conjunctions, Prepositions)
- Sentence Formation and Rearrangement
- Spelling

15. For Class 9 Entrance Exam:

(a) Mathematics:

- Number System
- Rational Numbers
- Exponents and Powers
- Algebraic Expressions
- Linear Equations in One Variable
- Quadrilaterals
- Areas of Parallelograms and Triangles
- Circles
- Surface Areas and Volumes
- Statistics and Probability

(b) Science:

- Physics (Motion, Force and Laws of Motion, Gravitation, Work and Energy, Sound)
 - Chemistry (Matter in Our Surroundings, Is Matter Around Us Pure?, Atoms and Molecules, Structure of the Atom)
 - Biology (Cell, Tissues, Diversity in Living Organisms, Natural Resources)

(c) English:

- Reading Comprehension

- Vocabulary (Synonyms, Antonyms, Analogies)
- Grammar (Tenses, Modals, Articles, Voice, Narration, Prepositions, Conjunctions)
 - Writing Skills (Letter Writing, Paragraph Writing, Essay Writing, Story Writing)

(d) Social Studies:

- History (India and World)
- Geography (India and World)
- Civics (Indian Constitution, Rights and Duties, Democracy, Government)

16. Reference Books For Class 6 Entrance Exam:

- (a) "Sainik School Class 6 Entrance Exam Guide" by Arihant Experts
- (b) "Sainik School Entrance Exam Guide for Class 6" by T.S. Jain
- (c) "Sainik School Class VI Entrance Exam Solved Papers" by Arihant Experts
- (d) "Sainik School Entrance Exam Guide for Class 6 (AISSEE)" by Editorial Team of Prabhat Prakashan
- (e) "Sainik School Entrance Examination for Class VI 15 Practice Sets" by Arihant Experts

17. Reference Books For Class 9 Entrance Exam:

- (a) "Sainik School Class 9 Entrance Exam Guide" by Arihant Experts
- (b) "Sainik School Entrance Exam Guide for Class 9" by RPH Editorial Board
- (c) "Sainik School Class IX Entrance Exam Solved Papers" by Arihant Experts
- (d) "Sainik School Entrance Exam Guide for Class 9 (AISSEE)" by Editorial Team of Prabhat Prakashan
- (e) "Sainik School Entrance Examination for Class IX 15 Practice Sets" by Arihant Experts

18. **Notifications And Related Information:**

The notification for the Sainik School entrance exams, including details such as exam dates, application process, eligibility criteria, and exam pattern, is usually released by the respective Sainik School and published on their official website.

Key information provided in the notification includes:

- Dates for availability of application forms
- Last date for submission of application forms
- Date of entrance examination
- Details regarding exam centers
- Admit card release date
- Result declaration date
- Counseling and admission procedures

Website reference:

<https://aissee.nta.nic.in/>

RASHTRIYA MILITARY SCHOOLS (RMS)

19. RMS are five prestigious institutions located in different parts of India, namely Chail (Himachal Pradesh), Ajmer (Rajasthan), Bangalore (Karnataka), Belgaum (Karnataka), and Dholpur (Rajasthan). These schools follow a rigorous academic curriculum combined with military training, sports, and extracurricular activities to foster all-round development in students.

20. **RMS Entrance for Different Classes:**

RMS conducts entrance exams for admission to various classes, including Class 6 and Class 9. The entrance exams are competitive and are conducted annually to select deserving candidates for admission to these institutions.

21. **Syllabus for RMS Entrance Exams:**

The syllabus for RMS entrance exams may vary slightly from school to school, but generally, it includes the following subjects:

(a) **For Class 6:**

- Mathematics
- English
- General Knowledge
- Intelligence Test

(b) **For Class 9:**

- Mathematics
- English
- General Science
- Social Science (History, Geography, Civics)

22. **For Class 6 Entrance Exam:**

(a) **English**

- Spelling

- Prepositions
- Framing Questions
- Affirmative and Interrogative
- Articles
- Composition or Paragraph Writing
- Sentence Types
- Singular and Plural Forms
- Jumbled Words
- Homonyms
- Antonyms and Synonyms
- Comprehensive Passages
- One Word Answers
- Fill in the Blanks

(b) Intelligence Test

- Direction Sense
- Image
- Coding and Decoding
- Relationship
- Completion of Series
- Jumbled Spelling
- Alphabetical Arrangement of Words
- Sequence
- Puzzle
- Image
- Analogy Test
- Same Class
- Assigning Correct Mathematical Signs
- Verbal and Non-Verbal
- Relationship of Analogy.

(c) Maths

- Number System
- Commercial Mathematics
- Decimals and Fractional
- Menstruation

- Geometry

Number System

- LCM
- HCF
- Square
- Square roots
- Number Pattern and Series
- Writing the Greatest and Smallest numbers
- Prime Factorization
- Fundamental Operations on number
- BODMAS rule
- Rounding Off numbers
- Place Value of numbers
- Face value of numbers
- Comparison of Numbers.

Commercial Mathematics

- Preparation of cash bills
- Ration and Proportion
- Degree Fahrenheit
- Arithmetic Mean
- Time and Distance
- Conversion of Units
- Simple Interest
- Unitary Method
- Time and Work
- Percentage
- Profit and Loss
- Profit and Loss with Percentages
- Measurement of Temperature in degrees Celsius.

Decimals and Fractional

- Conversion of fractions to decimals

- Conversion of fractions to percentages
- Word problems including applications
- BODMAS rule
- Fundamental Operations
- Equivalent Fractions and Lowest form
- Squares
- Square Roots
- Simplifications.

Menstruation

- The volume of Solid
- Volume of Cube
- Volume of Cuboids
- Circumference of Circle
- Area of Circle
- Perimeter of Triangle
- Perimeter of Rectangle
- Area of Triangle
- Area of Rectangle
- The perimeter of a square
- Area of Square with diagrams
- Conversion of Units of Area and Volume.

Geometry

- Quadrilaterals
- Circle and parts
- Construction of line segments
- Angle sum property of triangles
- Angles and Triangles
- Classification of angles
- Quadrilaterals and Polygons
- Basic geometry concepts such as line, point line segment, ray, etc,
- Circles, Interior, and Exterior of given figures.

(d) General Knowledge and Current Affairs

- States of India:
Learn the names of all Indian states and their capitals.
- Important towns on rivers:
Identify major towns and cities along important Indian rivers.
- Science and Health:
Understand basic science concepts related to the human body, nutrition, and diseases.
- Economics and Population:
Learn about India's economy, population, and important economic terms.
- Important Days:
Memorize important national and international days celebrated in India.
- Our Defence Forces:
Gain knowledge about India's defense forces.
- First in India:
Discover notable achievements and firsts in India's history.
- Union Territories:
Learn about India's Union Territories.
- Popular Persons and Places:
Recognize famous personalities and landmarks in India.
- National Parks and Wildlife Sanctuaries in India:
Explore the names and locations of prominent national parks and wildlife sanctuaries in India.
- Atomic Power Stations in India:
Identify the locations of major atomic power stations in India.
- Some Abbreviations:
Learn common abbreviations used in various fields.
- India - Important Facts:
Know essential facts about India.
National symbols, including the national flag and emblem.
Official languages and language diversity.
Key geographical features and regions.
- Some Games and Sports Terms:

Understand basic terminology related to various sports.

- **Sports:**
Learn about popular sports in India and their rules.
- **History and Geography:**
Gain knowledge about India's history and geography.
Important historical events and dynasties.
Key geographical features such as mountains, rivers, and deserts.
- **Awards:**
Discover prominent awards and honors given in India and internationally.
- **General Science:**
Understand basic concepts of science.
- **Committee and Commission:**
Learn about important committees and commissions formed in India.
- **International Organizations:**
- Recognize major international organizations and their roles.
- **Inventions and Inventors:**
Discover famous inventions and their inventors.
- **Books and Authors:**
Learn about renowned books and their authors.
- **Some Historical Events and Landmarks:**
Explore significant historical events and landmarks in India and the world.
- **Classical Dances of India:**
Identify the different classical dance forms of India.
- **Constitution:**
Understand the basic principles and structure of the Indian Constitution.
- **Environment and Pollution:**
Learn about environmental issues, pollution, and conservation efforts.
- **Some Important Geographical Terms:**

Understand essential geographical terms related to landforms, climate, and directions.

- Important Events of World History:
Explore significant events in world history.
- Countries, Capitals, and Currencies:
Learn about countries, their capitals, and their currencies.
- India - Important Facts:
Reinforce your knowledge of essential facts about India, including its culture, traditions, and heritage.

23. **For Class 9 Entrance Exam:**

(a) English

- Vocabulary and their Usage
- Nouns
- Homophone & One-word substitute
- Adverbs
- Re-arranging words to make meaningful sentences
- Adjectives
- Antonyms
- Grammatical Structures
- Synonyms
- Types of Sentences (Negative, Interrogative, Positive, Exclamatory), etc
- Gender
- Verb Forms
- Comprehension Passages
- Articles
- Spell Check
- Error Correction

(b) Hindi

- वर्ण विचार / वर्तनी विवेक
- मुहावरे
- पद परिचय
- लोकोक्तियाँ

- वाक्य रचनान्तरण (सरल/संयुक्त/मिश्र)
- शब्द विवेक (शब्द प्रयोग में सूक्ष्म अंतर)
- शब्दभेद (स्रोत / उत्पत्ति)
- पद भेद (व्याकरणिक कोटि) की पहचान
- पर्यायवाची शब्द
- वाक्यांश के लिए एक शब्द
- विलोम शब्द
- गद्यांश
- अशुद्ध वाक्य को शुद्ध करना
- संधि/समास

(c) Social Science

- Sources of History
- Agriculture
- Establishment of the British Rule in India
- Industries
- Revolt against British Rule
- The Constitution
- Various Reforms in India During British Rule
- Indian Parliament
- The National Movement
- The Judiciary
- India After Independence
- Understanding Marginalisation
- Natural and Human Resources
- Public Facilities
- Minerals and Power Resources

(d) Maths

- Number System
- Ratio and Proportion
- Square and Square Root
- Profit and Loss
- Cube and Cube Root
- Simple and Compound Interest
- Exponents and Powers

- Work and Time
- Algebraic Expression and Identities
- Time and Distance
- LCM and HCF
- Mensuration
- Factorization
- Statistics
- Linear Equation in One Variable
- Probability
- Unitary method
- Basic geometrical concepts such as point, line, line segment, ray etc
- Preparation of cash bills
- Area and Perimeter of Circle, Cube, Cuboids, etc.
- Simplification, Fraction, Comparison
- Triangles, Circles, quadrilaterals and polygons

(e) Science

- Motion
- Carbon and its Various Forms
- Force
- Acids, Bases and Salts
- Sound
- Cell Structure and Function
- Light
- Food – Production and Management
- Heat
- Reproduction
- Electricity
- Nutrition in Plants and Animals
- Magnetism
- Microorganisms and Diseases
- Natural and Man-Made Material
- Pollution of Air, Water and Soil
- Metals and Non Metals
- Solar System

24. Reference Books For Class 6 Entrance Exam:

(a) Mathematics:

- "Mathematics for Class 6" by R.S. Aggarwal
- "Primary Mathematics 6A" by Singapore Math
- "Class 6 Maths NCERT Textbook"

(b) English:

- "New Mulberry English Course Book 6" by Oxford
- "English Grammar & Composition Book 6" by Wren & Martin
- "Class 6 English NCERT Textbook"

(c) Science:

- "Science for Class 6" by Lakhmir Singh and Manjit Kaur
- "Science: Textbook for Class 6" by NCERT
- "Primary Science 6A" by Singapore Math

(d) Social Studies:

- "Social Studies for Class 6" by N.K. Chowdhry
- "Social and Political Life - 1" by NCERT
- "Our World - Geography Book 6" by Oxford

(e) General Knowledge:

- "The Pearson General Knowledge Manual 2024" by Edgar Thorpe
- "Lucent's General Knowledge" by Vinay Karna
- Previous Year Question Papers

25. Reference Books For Class 9 Entrance Exam:

(a) Mathematics:

- "Mathematics for Class 9" by R.D. Sharma
- "Secondary Mathematics: Class 9" by R.S. Aggarwal
- "Class 9 Maths NCERT Textbook"

(b) English:

- "New Gulmohar Reader 9" by Orient BlackSwan
- "English Communicative Class 9" by Xamidea
- "English Workbook Class 9" by S. Chand Publications
- "Class 9 English NCERT Textbook"

(c) Science:

- "Science for Ninth Class Part 1 Physics" by Lakhmir Singh & Manjit Kaur
- "Science for Ninth Class Part 2 Chemistry" by Lakhmir Singh & Manjit Kaur
- "Science for Ninth Class Part 3 Biology" by Lakhmir Singh & Manjit Kaur
- "Class 9 Science NCERT Textbook"

(d) Social Studies:

- "India and the Contemporary World - I" by NCERT (History)
- "Contemporary India - I" by NCERT (Geography)
- "Democratic Politics - I" by NCERT (Political Science)
- "Economics: Understanding Economic Development" by NCERT
- "Social Science for Class 9" by Laxmi Publications

(e) General Knowledge:

- "Objective General Knowledge" by Lucent Publications
- "The Pearson General Knowledge Manual" by Edgar Thorpe
- "General Knowledge 2024" by Manohar Pandey
- Previous Year Question Papers:

26. Notifications and Related Information:

RMS releases detailed notifications regarding the entrance exams on their official website and through other media channels. These notifications contain essential information such as:

- Exam dates
- Application process and eligibility criteria
- Syllabus and exam pattern
- Exam centers

- Admit card release dates
- Result declaration dates
- Counseling and admission procedures

Website reference:

<https://www.rashtriyamilitaryschools.edu.in/>

RASHTRIYA INDIAN MILITARY COLLEGE (RIMC)

27. The Rashtriya Indian Military College (RIMC) is a renowned military school located in Dehradun, India. It was established in 1922 and serves as a feeder institution to the National Defence Academy (NDA), Indian Naval Academy (INA), and other prestigious military academies in India. RIMC is one of the oldest military schools in India and has a rich history of producing leaders for the armed forces.

28. **RIMC Entrance for Different Classes:**

Class 8: RIMC conducts entrance examinations for admission into Class 8. The entrance examination typically includes papers on Mathematics, English, and General Knowledge, adhering to the curriculum prescribed by the Central Board of Secondary Education (CBSE).

29. **Syllabus for RIMC Entrance Exams:**

- (a) The syllabus for the Rashtriya Indian Military College (RIMC) entrance exams generally covers a range of subjects to assess the candidates' academic aptitude and suitability for a career in the armed forces. Here's an overview of the typical syllabus:
- (b) For Class 8:
 - Mathematics
 - English
 - General Knowledge

30. **Class 8 Entrance Exam:**

- (a) Mathematics:
 - Arithmetic:
Four fundamental operations (addition, subtraction, multiplication, division)
Fractions, decimals, and percentages

Ratio and proportion

Basic concepts of time, speed, distance, and work

- Algebra:

Basic algebraic expressions

Linear equations in one variable

Quadratic equations

Factorization of algebraic expressions

- Geometry:

Basic shapes: Lines, angles, triangles, quadrilaterals, circles

Properties of triangles and quadrilaterals

Area and perimeter of polygons and circles

Volume and surface area of basic three-dimensional shapes

- Mensuration:

Area and perimeter of squares, rectangles, triangles, and circles

Volume and surface area of cubes, cuboids, cylinders, and cones

- Data Interpretation:

Reading and interpreting data from graphs, charts, tables, etc.

(b) English:

- Comprehension:

Reading passages followed by questions to assess understanding, inference, and vocabulary.

- Grammar:

Parts of speech: Nouns, pronouns, verbs, adjectives, adverbs

Tenses: Present, past, future tense forms

Articles, prepositions, conjunctions, and interjections

Subject-verb agreement

- Vocabulary:

Synonyms and antonyms

Idioms, phrases, and proverbs

Word meanings and usage in sentences

- Writing Skills:

Essay writing on given topics

Letter writing (formal and informal)

Précis writing: Summarizing a passage while retaining its main points

- Verbal Ability:

Sentence completion with appropriate words

Sentence correction: Identifying and correcting grammatical

errors

(c) General Knowledge:

- History:

Ancient, medieval, and modern history of India and the world
Major historical events, personalities, and movements

- Geography:

Physical geography: Landforms, rivers, mountains, plains, etc.
Political geography: Countries, continents, oceans, etc.
Maps and map reading skills

- Civics:

Indian constitution: Features, preamble, fundamental rights and duties

Governance: Structure of government, roles and responsibilities of leaders

- Science:

Physics: Basic concepts of motion, force, energy, light, sound, etc.

Chemistry: Elements, compounds, acids, bases, chemical reactions, etc.

Biology: Human body systems, plants, animals, ecosystems, etc.

Environmental Science: Conservation, pollution, natural resources, etc.

- Current Affairs:

Events of national and international importance

Recent developments in politics, sports, science, and technology

(d) Optional Subjects:

Depending on the specific requirements of the entrance exam, optional subjects may include Additional topics in Mathematics, English, General Knowledge, Science, or Social Studies

Mental Ability: Logical reasoning, analytical skills, problem-solving

31. **Reference Books For Class 8 Entrance Exam:**

(a) Mathematics:

- "Mathematics for Class 8" by R.S. Aggarwal
- "NCERT Mathematics Textbook for Class 8"

- "Foundation Mathematics for RIMC" by T.S. Jain
- (b) English:
- "Objective General English" by R.S. Aggarwal
 - "High School English Grammar and Composition" by Wren & Martin
 - "Word Power Made Easy" by Norman Lewis
 - "RIMC Entrance Exam English" by RPH Editorial Board
- (c) General Knowledge:
- "General Knowledge 2024" by Manohar Pandey
 - "Lucent's General Knowledge"
 - "RIMC Entrance Exam Guide" by Sanjeev Joon
 - "Arihant General Knowledge" by Manohar Pandey
- (d) Science:
- "Science for Class 8" by Lakhmir Singh & Manjit Kaur
 - "NCERT Science Textbook for Class 8"
 - "Foundation Science for RIMC" by Disha Experts
- (e) Social Studies:
- "Social Science for Class 8" by NCERT
 - "History, Geography, Civics for RIMC" by Arihant Experts
 - "RIMC Entrance Exam Social Studies" by RPH Editorial Board
- (f) Mental Ability:
- "A Modern Approach to Verbal & Non-Verbal Reasoning" by R.S. Aggarwal
 - "Quantitative Aptitude for Competitive Examinations" by R.S. Aggarwal
 - "RIMC Entrance Exam Mental Ability" by RPH Editorial Board

32. **Notifications and Related Information:**

The Rashtriya Indian Military College (RIMC) releases detailed notifications regarding the Entrance exams on its official website and through other media channels. These notifications contain essential information such as:

- Exam dates
- Application process and eligibility criteria

- Syllabus and exam pattern
- Exam centers
- Admit card release dates
- Result declaration dates
- Counseling and admission procedures

Website reference:

<https://rimc.gov.in/rimcindex.aspx>

CONCLUSION:

With our comprehensive coaching classes, dedicated faculty, and personalized approach to learning, we aim to empower students with the knowledge, skills, and confidence to ace the entrance exams of JNV, Sainik School, RMS, and RIMC. Join us on this journey towards academic excellence and success in shaping a bright future ahead.