

6. **Admission Test.** The CET written examination for Class VI & Class IX will be through Optical Mark Reader (OMR) based examination and scheme of marking for these papers will be as given below: -

CLASS VI				
Subject	No of Question	Max Marks	Min % to qualify	Duration
(a) English (Candidate is required to qualify in this test. English Marks are not counted towards preparation of final merit list)	50	50	35%	2 hours 30 minutes
(b) Intelligence Test	50	50	40%	
(c) Mathematics	50	50	40%	
(d) General Knowledge & Current Affairs	50	50	40%	
(e) Interview		20	-	-

Class IX					
Subject	No of Questions	Marks	Max Marks	Mini % to qualify	Duration
(a) Paper – 1			100	50%	2 hours 30 minutes
English	50	50 marks			
Hindi	20	20 marks			
Social Science	30	30 marks			
(b) Paper – 2			100	50%	2 hours 30 minutes
Mathematics	50	50 marks			
Science	50	50 marks			
(c) Interview			50		

7. **Syllabus.** Written test will generally be of Class V standard for Class VI and Class VIII standard for Class IX admission. Question Paper in Entrance exam will be bilingual (English and Hindi) for Class VI and only in English for Class IX.

8. **Tie-Breaking Criteria for Class VI & Class IX**

Order of Priority	Class VI	Explanation (Class VI)	Class IX	Explanation (Class IX)
P1 (First)	Mathematics	Candidates with higher marks in Mathematics will be given preference.	Mathematics	Candidates with higher marks in Mathematics will be given preference.
P2 (Second)	Intelligence Test	If tie continues, candidates with higher marks in Intelligence Test will be given preference.	Science	If tie continues, candidates with higher marks in Science will be given preference.

P3 (Third)	General Knowledge (GK)	If tie continues, candidates with higher marks in GK will be given preference.	English	If tie continues, candidates with higher marks in English will be given preference.
P4 (Fourth)	English	If tie continues, candidates with higher marks in English will be given preference.	Social Science (SST)	If tie continues, candidates with higher marks in Social Science will be given preference.
P5 (Fifth)	Interview	If tie continues, candidates with higher marks in interview will be given preference	Hindi	If tie continues, candidates with higher marks in Hindi will be given preference.

CHAPTER 7**BROADER SYLLABUS FOR RMSs**

1. The Syllabus is as prescribed by the Additional Directorate General of Army Education/Army Education-2, IHQ of MOD (Army). The RMSs Common Entrance Test will generally be of Class V standard for Class VI and Class VIII standard for Class IX admission. Question Paper in Entrance exam will be bilingual (English and Hindi) for Class VI and only in English for Class IX and the broader topics are as given under: -

The syllabus is aligned with the learning standards of Classes V and VIII

For Class VI

<u>Subject</u>	<u>Topics</u>	
English	Active and Passive Voice Adjective Adverb Affirmative and Interrogative Antonyms Articles Comprehension Passages Conjunction Constructions of Sentences Error Correction Gender Modals Noun and its kinds Reported Speech Sentences	Spelling Check Synonyms Verbs and Tense Preposition Vocabulary Confusion Words Question Tags Kinds of Pronouns Ordering of words in sentence Sentence Formation Interjection Idioms & Phrases Collective Nouns Numbers Rhyming Words Singular/Plural
Intelligence Test	Alphabetical Order of Words Analogy Blood Relation Classification (Odd man out) Clock and Calendar Coding-Decoding Decision Making	Direction Sense Inserting Number Non verbal reasoning Puzzle Ranking test Series
Mathematics	Arithmetic Operations Capacity (Volume) Data Handling Fractional Numbers Geometry : Shapes & Spatial Understanding Measurement Mental Arithmetic Money Number System (Whole Number, Natural Number, Playing with Numbers) Pattern Time Weight LCM & HCF Unitary Method	Fractions Ratio and Proportion Profit and Loss Simplification Average Percentage Simple Interest Conversion of Units Roman Numerals Types of Angles Circle Volume of Cube and Cuboids Prime and Composite Numbers Plane Figures Speed and Time Operation on Numbers Temperature

<u>Subject</u>	<u>Topics</u>
General Knowledge & Current Affairs	Atomic Power Station in India Books and Authors Discover India Environmental Studies Important Dates of year Literature, Art and Music Mapping the World National Symbol of India Nature and its Glory Our Defence Forces Reasoning (Linguistic, Logical, Mathematical) Sports and Games States of India The Scientific World Union Territories of India Current Affairs – India and International Different Types of Scientific Devices used in Daily Life Major Religions of India (Elementary Awareness about founder, place of origin, Religious books and important ideas) Super Senses (How do plants and Animals sense their surroundings) Relation between Animals and Human Beings Taste and Digestion (Basic Concept) Cooking and Preserving Techniques Germination and seed Dispersal Traditional Water Harvesting Techniques Experiment with Water on Everyday Life Water Pollution and Microbial Diseases Concepts on Mountain Terrain and Lifestyle Historical Monuments Shape of Earth and Gravitation (Basic Concepts) Non Renewable Energy Sources (Fossil Fuels) Food, Culture, Habitat, Languages etc of various regions (Basic Concepts) Names of young ones of different animals Functions of Body Parts of Plants and Animals International Organizations: Basic knowledge about structure, Functioning and objectives of United Nations, World Bank etc. Indian Literary and Cultural Awards (Names of the award and recent recipients) Natural Calamities (Flood and Earthquake) Evaporation, Condensation of Water Cycle (Basic Concepts) Life of Farmers (Farming Techniques) Tribal communities and forest produce

For CLASS – IX

Subject	Topics	
English	Active and Passive Voice Adjective Adverb Affirmative and Interrogative Antonyms Articles Comprehension Conjunction Constructions of Sentences Determiners Direct and Indirect Speech Error Correction Gender Modals Noun and its kinds Order of Words and clauses Para Jumbled Phrases and Idioms Preposition Pronoun and its kinds Pronouns	Reported Speech Sentences Spelling Check Synonyms Tenses Verbs Vocabulary Word Order in sentence types Voice Confusing Words Subject Verb Agreement Correct Spellings Order of words in a sentence Phrase and Clauses Interjection Question Tags Conditions Comparison of Adjectives Personal Pronoun Change of Gender Change of Number
Hindi	अलंकार अविकारी शब्द-अव्यय अव्यय अशुद्ध वाक्यों का संशोधन उपसर्ग एवं प्रत्यय कारक काल क्रिया पद परिचय मुहावरे और लोकोक्तियाँ लिंग (संज्ञा के विकार) वचन वर्ण-विचार	वर्तनी वाक्य अशुद्धियाँ एवं संशोधन वाच्य विराम-चिह्न विशेषण शब्द विचार शब्द-भंडार संज्ञा संज्ञा के विकार संधि समास सर्वनाम

Mathematics	Algebraic Expressions and Identities Angle sum property of triangles and quadrilaterals etc Angles, triangles, circles etc Area and Volume Area of Circle Average Basic Geometrical Ideas Classification of angles Comparing Quantities Congruence of triangles Conversion of units of Area and Volume Cubes and Cube Roots Data Handling Direct and Inverse Proportions Exponents and Power Factorisation Fractions and Decimals Integers Interior and exterior of given figures Introduction to Graphs Knowing our Numbers Linear Equations in one Variable Lines and Angles Mensuration Number System (Whole Number, Natural Number, Playing with Numbers) Perimeter and Area Place value and face value of numbers Playing with Numbers	Practical Geometry Profit and Loss Ratio and Proportion Rational Numbers Roman Numeral Simple Equations Squares and Square Roots Symmetry Temperature Measurement in Degree Celsius and degree Fahrenheit The triangle and its properties Time and Work, Distance and Displacement Triangles, Quadrilaterals and Polygons Understanding Elementary Shapes Unitary Method Visualizing Solid Shape Volume of Cube and Cuboid Understanding Quadrilaterals Euler's Formula Average, Median, Mode Probability Pie Chart Divisibility Exam Parallel Lines Simple Interest and Compound Interest Area and Perimeter of Circle
Science	Electric Current and its Effect Forests : Our Lifeline Sound and Light Acids, Bases and Salts Coal and Petroleum Combustion and Flame Conservation of Plants and Animals Crop Production and Management Force and Pressure Friction Heat Micro Organisms : Friend and Foe Motion and Time Nutrition in Plants Physical and Chemical Changes Reaching The Age of Adolescence	Reproduction in Plants and Animals Reproduction in Organisms Transportation in Animals and Plants Fossil Fuel : Coal and Petroleum Cell Structure and Function Reflection and Dispersion of Light Metals and Non Metals Synthetic Fibers and Plastics Chemical Effects of Electric Current Global Warming Some Natural Phenomenon Electroplating and Artificial Jewellery Relation between types of Friction Changes during Puberty Endocrine Glands and Hormones
Social Science	History: Our pasts Social and Political Life Resources and Development	