

## 12.0 COMPOSITION OF THE TEST

Selection Test will consist of questions from the subjects of Mathematics, General Science, English and Hindi. Difficulty level of the test paper shall be of Class VIII.

### Nature of the Selection Test

Sl.No.	Subject	Marks
01.	English	15
02.	Hindi	15
03.	Maths	35
04.	Science	35
	<b>TOTAL</b>	<b>100 Marks</b>

The test will be of objective type with 2 ½ hours duration without any break.

The candidate has to score minimum qualifying marks as per NVS criteria in all the 04 subjects. However the merit list will be prepared on the basis of marks obtained in three subjects, Maths+Science+One of the two languages in which candidate has scored more marks.

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**NAVODAYA VIDYALAYA SAMITI**  
**LATERAL ENTRY - CLASS IX – 2023**  
**SYLLABUS FOR THE TEST PAPER BASED ON THE SYLLABUS OF CLASS VIII**

**SUBJECT : ENGLISH**

**MAXIMUM MARKS: 15**

SL.NO	UNIT/TOPIC
1.	Comprehension (Unseen Passage)
2.	Word and Sentence
3.	Structure Spelling
4.	Rearranging jumbled words
5.	Passivation
6.	Use of degrees of comparison
7.	Modal auxiliaries
8.	Use of prepositions
9.	Tense forms
10.	Reported speech

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- | क्रम   | विषय                                      |
|--------|---|
| (क)    | भाषिक अनुप्रयोग और व्याकरणिक कुशलताएँ     |
| (i)    | वर्ण विचार / वर्तनी विवेक                 |
| (ii)   | शब्दभेद (स्त्रोत / उत्पत्ति)              |
| (iii)  | पर्याय/विलोम                              |
| (iv)   | शब्द विवेक (शब्द प्रयोग में सूक्ष्म अंतर) |
| (v)    | पद भेद (व्याकरणिक कोटि) की पहचान          |
| (vi)   | पद परिचय                                  |
| (vii)  | अशुद्ध वाक्य को शुद्ध करना                |
| (viii) | वाक्य रचनान्तरण (सरल/संयुक्त/मिश्र)       |
| (ix)   | मुहावरा                                   |
| (x)    | लोकोक्ति                                  |
| (ख)    | अपठित बोधात्मक प्रश्न                     |

**Sl.**

**Topics/Sub Topics**

1. Food – Crop Production and Management; Micro-organism; Food Preservation
2. Materials I – Synthetic fibres; Plastics; Metals and Non – metals
3. Material II – Coal and Petroleum; Refining of Petroleum; Fossil Fuels; Combustion and Flame
4. Living / Non living; Cell structure and Function; Conservation of Plants and Animals – Wildlife Sanctuary and National Parks
5. Reproduction – Asexual and Sexual Reproduction, Reaching the age of adolescence
6. Force – Frictional Force; Gravitational Force; Thrust and Pressure
7. Light – Reflection of Light; Multiple Reflection; Human eye; Care of the Eyes; Sound; Human ears; Loudness and Pitch, Audible and inaudible Sounds
8. Chemical Effects of Electric Current; Electroplating
9. Natural Phenomena – Lightning; Earthquakes, Pollution of Air and Water
10. Solar system; Stars and Constellations

SUBJECT : MATHEMATICS

MAXIMUM MARKS: 35

<b>S No.</b>	<b>UNIT/TOPIC</b>
1.	Rational Numbers
2.	Squares and Square Roots
3.	Cubes and Cube Roots
4.	Exponents and Powers
5.	Direct and Inverse Proportions
6.	Comparing Quantities (Percentage, Profit and Loss, Discount, Simple and Compound Interest)
7.	Algebraic Expressions and Identities including Factorization
8.	Linear Equations in One Variable
9.	Understanding Quadrilaterals (Parallelogram, rhombus, rectangle, square, kite)
10.	Mensuration: a) Area of plane figures b) Surface area and volume of cube, cuboids and cylinder
11.	Data Handling (Bar graph, pie chart, organizing data, probability)