

**NAVODAYA VIDYALAYA SAMITI**  
**LATERAL ENTRY - CLASS IX - 2019**  
**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
	Structure Spelling
	Rearranging jumbled words
	Passivation
	Use of degrees of comparison
	Modal auxiliaries
	Use of prepositions
	Tense forms
	Reported speech

क्रम	विषय
(क)	भाषिक अनुप्रयोग और व्याकरणिक कुशलताएँ
(i)	वर्ण विचार / वर्तनी विवेक
(ii)	शब्दभेद (स्रोत / 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

- | <b>Sl.</b> | <b>Topics/Sub Topics</b>   |
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| 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)