

NAVODAYA VIDYALAYA ADMISSION SYLLABUS CLASS-9th

Sr. No.	Subjects	Marks
1.	English	15
2.	Hindi	15
3.	Math	35
4.	Science	35
	Total	100

- The Exam will be objective type.
- Questions will be in the form of Multiple Choice Questions.
- The Question paper will be of 100 marks.
- The Time Duration of exam will be 2 hours 30 minutes.
- The exam will be Hindi and English language.

ENGLISH

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

HINDI

1. वर्ण विचार/ वर्तनी विवेक

2. शब्द भेद)(स्त्रोत / उत्पत्ति)

3. पर्याय / विलोम

4. शब्द विवेक (शब्द प्रयोग में सूक्ष्म अंतर)

5. पद परिचय

6. पद भेद (व्यावहारिक कोटि) की पहचान

7. अशुद्ध वाक्यों को शुद्ध करना

8. वाक्या रचनातनतरण (सरल / सयुंक्त/ मिश्र)

9. मुहावरा

10. लोकोक्ति

GENERAL SCIENCE

- 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**

MATHEMATICS

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)