

ENTRANCE SYLLABUS**1) MATHS**

Square and Square Roots, . Rational Numbers, . Comparing Quantities, . Mensuration, Probability, Factorization, Power and Exponent.

**2) HINDI**

संज्ञा,संधि,विशेषण,क्रिया,सर्वनाम,

समास,अव्यय,काल,उपसर्ग,प्रत्यय, वाच्य

वाक्य औपचारिक और अनौपचारिक)पत्र,

**3) SCIENCE**

- 1) Crop Production and Management
- 2) Microorganisms- Friends and Foe
- 3) Reaching the age of adolescence.
- 4) Materials -Metals and Non-metals
- 5) Combustion and Flame
- 6) Light 7)Force and Pressure 8 )Coal and Petroleum
- 9) Chemical Effects of Electric Current. 10) Sound
- 11) Reproduction in Animals

**4) S.S****History -**

1. Tribals, Dikus and the vision of a Golden Age.
2. When People Rebel : 1857 and After
- 3.Civilising the 'Native' Educating the 'Nation'
4. The Making of the National Movement: 1870s - 1947

**Geography -**

1. Industries
2. Resources
3. Agriculture
- 4.Human Resources

**Civics -**

1. The Indian Constitution
- 2.Parliament and Law Making.
3. Judiciary
- 4.Understanding Our Criminal Justice System

**5) ENGLISH**

Noun, Pronoun, Adverbs, Determiners, Subjects - Verb Agreement,  
Tenses, Voices, Narration, Modals, Letter(Formal and Informal), Diary Entry,  
Paragraph writing.

ENTRANCE SYLLABUS**SUBJECT : SOCIAL SCIENCE****History -**

- French Revolution
- Nazism and the rise of Hitler
- Russian Revolution

**Geography -**

- India size and location
- Climate

**Civics -**

- Electrol Politics
- Constitutional Design

**Economics**

- Poverty as a challenge
- People as resources

**Maths**

- 1) Polynomials
- 2) Surface Area and Volume
- 3) Number System
- 4) Circles
- 5) Heron's Formula
- 6) Quadrilateral

**Science**

- 1) Atoms and Molecules
- 2) Structure of Atoms
- 3) Cell- Fundamental unit of life
- 4) Tissues
- 5) Force and Law of Motion
- 6) Work and Energy
- 7) GRAVITATION
- 8) Matter in our Surroundings.

**English**

Modals, Subject -Verb Concord, Reported Speech, Determiners, Descriptive Paragraph (Person), Discursive/Factual Passage/ Diary Entry /Article Writing/ Letter Writing

**Hindi**

उपसर्ग, प्रत्यय, समास, अर्थ की दृष्टि से वाक्य भेद, अलंकार, पत्र।