



**SANSKRITI SCHOOL**  
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**New Delhi**

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**SYLLABUS FOR ENTRANCE TEST TO CLASS IX**  
**Academic Session 2021-22**

**I ENGLISH**

- i Comprehension passage
- ii Formal and informal letter
- iii Diary entry
- iv Factual description
- v Integrated grammar

**II MATHEMATICS**

- i Exponents
- ii Algebraic expressions and Identities
- iii Factorization
- iv Mensuration
- v Linear equations in one variable
- vi Understanding Quadrilaterals

**III SCIENCE**

**A PHYSICS**

- i Sound  
Vibrating parts and categories of musical Instruments, characteristics of sound waves, calculation of time period and frequency, audible and inaudible sound, causes and effects of noise pollution, parts and the function of the human ear.
- ii Light  
Laws of reflection, regular and diffused reflection, Multiple reflections, structure of human eye, function of parts of the eye, care of the eyes, plane mirror, characteristics of an image formed by a plane mirror.

**B CHEMISTRY**

- i Coal and Petroleum -  
Natural Resources, Coal, petroleum, Natural gas, Some natural Resources are limited.  
Combustion and flame -
- ii Combustion, conditions necessary for combustion, How do we control fire, Types of combustion, flame, Structure of a flame, What is a good fuel? , fuel efficiency , harmful effects of burning fuel

**C BIOLOGY**

- i **Reproduction in Animals-** Modes of reproduction, Sexual reproduction, -Male reproductive organs, female reproductive organs, Fertilization, development of embryo, Viviparous and Oviparous animals, metamorphosis, asexual reproduction
- ii **Age of Adolescence-** Adolescence and puberty, changes at adolescence, secondary

sexual characters, Role of hormones, Reproductive phase in humans, sex determination , reproductive health,

iii **Crop Production and management**--Agricultural practices, Preparation of soil, Manure , fertilizer, irrigation, Weeding, harvesting, storage

#### IV **FRENCH**

- i Present tense
- ii Passé Compose
- iii Future
- iv Passe Recent
- v Future Proche
- vi pronominal verbs ( affirmative negative interrogative interrogative  
Impératif ( affirmatif négatif)  
General questions

#### V **GERMAN**

- i conjugations of Verbs in present tense : wissen, stehen, sitzen, sein, gehen, kommen, fahren , treffen, kaufen
  - ii Verbs of position; setzen-sitzen, stehen-stellen, hängen-hängen , legen- liegen
  - iii Framing W- Questions & yes/ no Questions
  - iv Conjunctions
  - v prepositions (dative/ akkusative/mixed)
  - vi Dativ personal pronouns
- Writing Skills**
- E-Mail writing

#### VI **SPANISH**

- i El Pretérito Indefinido (The simple past tense)
- ii El Pretérito Imperfecto (The past imperfect)
- iii El Simple futuro (The simple future)
- iv La diferencia entre "SER, ESTAR, HAY"

#### VII हिंदी

- अपठित गद्यांश, अनुस्वार-अनुनासिक, संधि, समास, शब्द-विचार (विलोम, पर्यायवाची) वाक्य (अर्थ के आधार पर), अनुच्छेद-लेखन, अनौपचारिक पत्र-लेखन, संवाद-लेखन, विज्ञापन।

#### VIII संस्कृत

1. अपठित अवबोधन
2. धातु रूप - लट, लृट, लंग, लोट एवं विधिलिंग लकार
3. अजन्त शब्द रूप एवं उपपद विभक्ति
4. अव्यय शब्द
5. क्त, क्तवा, तुमुन एवं ल्यप प्रत्यय
6. प्रश्न निर्माण
7. संस्कृत में अनुवाद
8. चित्र वर्णन