

SH.S.N.SIDHESHWAR SR.SEC.PUBLIC SCHOOL SEC-9A GURUGRAM
CLASS-XII (SCIENCE)
SYLLABUS TERM -1(2026-27)

ENGLISH

Section A (Reading)

Unseen passage (Factual, Descriptive or literary/Discursive or Persuasive)

Case based unseen (Factual) Passage

Section –B (Creative Writing Skills)

Notice writing

Formal & Informal Invitation

Letter to Editor

Job Application

Article Writing

Section-C (Literature)

Flamingo

L The Last Lesson

L Lost Spring

L. Deep Water

L. The Rattrap

L Indigo

P My Mother at Sixty Six

P Keeping Quiet

P. A Thing of Beauty

P A Roadside Stand

Vistas

L The Third Level

L. The Tiger king

L Journey to the End of the Earth

L. The Enemy

PHYSICS

***UNIT-1**

***•Chapter-1* Electric charges & fields**

***•Chapter-2* Electrostatics Potential & Capacitance**

***UNIT-2**

***•Chapter-3* Current Electricity**

***Unit-3**

***•Chapter-4* Moving Charges and Magnetism**

- *•Chapter-5* Magnetism & Matter
- *Unit-4 (EMI AND AC)
- *•Chapter-6* Electromagnetic Induction
- *•Chapter-7* Alternating Current
- *UNIT-5
- *•Chapter-8* Electromagnetic Waves
- *UNIT-6 (OPTICS)
- *•Chapter-9* Ray Optics marks
- *•Chapter-10* Waves Optics

CHEMISTRY

- 1 Halo alkanes and haloarenes
2. Alcohol phenol and ether
3. coordination compounds
4. solution
5. Biomolecules
6. Electrochemistry
- 7.Amines

BIOLOGY

- 1.Sexual reproduction in flowering plants
- 2.Human Reproduction
- 3.Reproductive Health
- 4.Principle of inheritance and variations
- 5.Molecular Basis of inheritance
- 6.Evolution
- 7.Human health and disease
- 8.Microbes in human welfare

MATHEMATICS

- Ch.2- Inverse trigonometric functions
- Ch. 3- Matrices
- Ch. 4 - Determinants
- Ch. 5- Continuity and Differentiability
- Ch.6 - Application of Derivatives
- Ch 7 - Integration
- Ch 8- Application of Integration
- Ch 12- Linear Programming Problems

COMPUTER SCIENCE

1. Lists, Strings, Tuples & Dictionaries
2. User & Predefined Functions

- 3. Error Handling
- 4. Data File Handling: .txt, .dat and .csv files
- 5. Data Structures

PHYSICAL EDUCATION

- UNIT 1 Management of Sporting Events
- UNIT 2 Children and Women in Sports
- UNIT 3 Yoga as Preventive measure for Lifestyle Disease
- UNIT 4 Physical Education & Sports for (CWSN)
- UNIT 5 Sports & Nutrition
- UNIT 6 Test and Measurement in Sports

PAINTING

UNIT- III

The Bengal School of Painting and the Modern Trends in Indian Art (about the beginning to Mid of the 20th Century)

Chapter 6 – Introduction to the Bengal School of Painting

Chapter 7 – Study of the Painting of the Bengal School

Chapter 8 – Contribution of Indian Artists in the struggle for National Freedom Movement

Chapter 9 – Evolution of the Indian National Flag

ADDITIONAL SUBJECTS

MATHS

- Ch.2- Inverse trigonometric functions
- Ch. 3- Matrices
- Ch. 4 - Determinants
- Ch. 5- Continuity and Differentiability
- Ch.6 - Application of Derivatives

PSYCHOLOGY

- Unit 1 variations in psychological attributes
- Unit 2 self and personality
- Unit 3 meeting life challenges
- Unit 4 psychological Disorders

DANCE KATHAK

1. A brief history with other classical dance styles of India.
2. Taal:- Teen Taal, jhap Taal ,Kaherwa Taal, Dadra Taal and Rupak Taal.
3. Acquaintance with the traditional customs and makeup.
4. Abhinay
5. Short questions
6. Biography

H.M.V

- 1- MCQs & Very Short Q/Ans
- 2- Definition
- 3- Granth- Sangeet Ratnakar & Sangeet parijat
- 4- Biography/ Raag introduction
- 5- Taal (jhaptal, rupak taal)
- 6- Raag - bageshwari & malkons (Chhota khyal & bada Khayal)

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