



K.V.M. PUBLIC SCHOOL, HALDWANI

Syllabus for Term-I Examination

(Session 2022-23)

Class – XII [Science]

ENGLISH

❖ **Section-A (Reading)**

- Comprehension

❖ **Section-B (Writing)**

- Notice Writing
- Formal and Informal Invitations
- Application for Job with Biodata / Resume
- Articles

❖ **Section-C (Literature)**

S. No.	Flamingo	Vistas	Poetry
1	The Last Lesson	The Third Level	My mother at Sixty-Six
2	Lost Spring	The Tiger King	Keeping Quiet
3	Deep Water	Journey to the End of the World	A Thing of Beauty
4	The Rattrap	The Enemy	

PHYSICS

- **Chapter 1:** Electric charges and field
- **Chapter 2:** Electricity potential and capacitance
- **Chapter 3:** Current Electricity
- **Chapter 4:** Moving Charge and Magnetism
- **Chapter 5:** Magnetism and Matter
- **Chapter 6:** Electromagnetic Induction
- **Chapter 7:** Alternating current

BIOLOGY

- **Chapter 5:** Principles of Inheritance and Variation
- **Chapter 6:** Molecular Basis of Inheritance
- **Chapter 7:** Evolution
- **Chapter 8:** Human Health and Diseases
- **Chapter 10:** Microbes in Human Welfare
- **Chapter 11:** Biotechnology Principle and Process.
- **Chapter 12:** Biotechnology and its Application

CHEMISTRY

- **Chapter:** Solutions
- **Chapter:** Electrochemistry
- **Chapter:** Chemical Kinetics
- **Chapter:** D and F block elements
- **Chapter:** Coordination Compounds

INFORMATICS PRACTICES

- **Unit I:** Data handling using Pandas (Series, Data frame)
- **Unit II:** Database Query using SQL
- **Unit III:** Introduction to computer networks

MATHEMATICS

- **Chapter:** Relation and Functions.
- **Chapter:** Inverse Trigonometric functions.
- **Chapter:** Matrices.
- **Chapter:** Determinants.
- **Chapter:** Continuity and differentiability.
- **Chapter:** Application of derivatives.
- **Chapter:** Integration (**Till Exercise 7.3**)

PHYSICAL EDUCATION

- **Unit-I:** Management of Sporting Events
- **Unit-II:** Children & Women in Sports
- **Unit-III:** Yoga as Preventive Measure for Lifestyle Disease
- **Unit-IV:** Children with Special Needs - CWSN
- **Unit-V:** Sports & Nutrition

DATE SHEET

DATE	DATE	SUBJECTS
27-09-2023	Wednesday	Chemistry
28-09-2023	Thursday	Holiday of EID - UL - MILAD
29-09-2023	Friday	Physics
30-09-2023	Saturday	Physical Education / Informatics Practices
01-10-2023	Sunday	
02-10-2023	Monday	Holiday of Gandhi Jayanti
03-10-2023	Tuesday	Mathematics
04-10-2023	Wednesday	English
05-10-2023	Thursday	Biology

NOTE:

- 1) On **26th September, 2023** the school will be over at **11:00AM**.
- 2) The school timing from **27th September to 5th October, 2023** will be **07:45AM to 11:30AM**.
- 3) The school shall remain closed on **6th & 7th October 2023** for **Āstika and Anvastika**.
- 4) Regular classes for II Term will be from **9th October, 2023** and school timing will be **07:45AM to 01:30PM**.
- 5) **Report card distribution** will be held on **14th October, 2023**. Parents will collect personally the report card of their child between **09:00AM to 12:00Noon** and students will accompany the parents in school uniform.