

# **Hillman Public School**

## **Annual Syllabus (Session-2022-23)**

### **Class – XI**

### **Subject – Physics**

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#### **Periodic Test – 1**

- Ch. 1 -Physical World
- Ch.2. Units & Measurements
- Ch.3. Motion in a Straight Line

#### **Half Yearly Examination**

- Ch. 1 -Physical World
- Ch.2. Units & Measurements
- Ch.3. Motion in a Straight Line
- Ch. 4. Motion in a Plane
- Ch.5. Laws of Motion

#### **Periodic Test -2**

- Ch.6. Work, Energy, Power
- Ch.7. System of Particles & Rotational Motion
- Ch.8. Gravitation
- Ch.9. Mechanical Properties of Solids
- Ch.10. Mechanical Properties of Fluids
- Ch. 11. Thermal Properties of Matter

#### **Annual Examination**

- Ch. 1 -Physical World
- Ch.2. Units & Measurements
- Ch.3. Motion in a Straight Line
- Ch. 4. Motion in a Plane
- Ch.5. Laws of Motion
- Ch.6. Work, Energy, Power
- Ch.7. System of Particles & Rotational Motion
- Ch.8. Gravitation
- Ch.9. Mechanical Properties of Solids
- Ch.10. Mechanical Properties of Fluids
- Ch. 11. Thermal Properties of Matter
- Ch. 12. Thermodynamics
- Ch.13. Kinetic Theory
- Ch.14.Oscillation
- Ch.15. Waves

**HILLMAN PUBLIC SCHOOL, AGRA**  
**SCIENCE (CHEMISTRY) SYLLABUS FOR class 11<sup>th</sup>**  
**SESSION – 2022 – 2023**

**SCIENCE: CLASS XI (CHEM)**

EXAM	CHAPTERS
PT 1	<ul style="list-style-type: none"> <li>• Some basic concepts of chemistry</li> <li>• Structure of atom</li> </ul>
PT 2	<ul style="list-style-type: none"> <li>• Some basic concepts of chemistry</li> <li>• Structure of atom</li> <li>• Classification of elements and periodicity in properties</li> <li>• Chemical bonding and molecular structure</li> </ul>
PT 3	<ul style="list-style-type: none"> <li>• Some basic concepts of chemistry</li> <li>• Structure of atom</li> <li>• Classification of elements and periodicity in properties</li> <li>• Chemical bonding and molecular structure</li> <li>• Chemical thermodynamics</li> <li>• Equilibrium</li> </ul>
Annual Examination	<ul style="list-style-type: none"> <li>• Some basic concepts of chemistry</li> <li>• Structure of atom</li> <li>• Classification of elements and periodicity in properties</li> <li>• Chemical bonding and molecular structure</li> <li>• Chemical thermodynamics</li> <li>• Equilibrium</li> <li>• Redox reaction</li> <li>• Organic Chemistry: Some basic principles and techniques</li> <li>• Hydrocarbons</li> </ul> <p>(ALL CHAPTERS – 1 TO 9)</p>

**CLASS XI (Maths)**

EXAM	CHAPTERS
PT 1	CHAPTERS : 1 and 2 (Sets, Relation and functions)
Half Yearly	CHAPTERS : 3, 5, 6, 7 & 8 (Trigonometric functions, Complex Number, Linear Inequalities, Permutations and Combination, Binominal theorem)
PT 2	CHAPTERS : 9, 10 (Sequence and Series, Straight line)

Annual	CHAPTER : 11,12,13,14,15,16 (Conic Sections, Introduction to three dimensional, Limit and derivatives, Statistics, Probability )
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**HILLMAN PUBLIC SCHOOL  
ENGLISH SYLLABUS CLASS- 11<sup>TH</sup>  
SESSION- 2022-23**

EXAMS	CHAPTERS
PT1	HORNBILL-CHAPTER 1,2 SNAPSHOTS-1 GRAMMAR-NOTICE
PT2	Hornbill- The portrait of a lady, A photograph, we are not afraid to die, Discovering Tut, The Laburnum Top, The voice of the rain. Snapshots- The summer of the beautiful white horse, The address. Grammar-Gap filling, Notice
PT 3	Hornbill –Childhood , The adventure Snapshot- Mother’s day, Birth Grammar- Notice,Letter, Advertisement,Report, Article, speech , Debate
Annual examination	Full syllabus