

**AYESHA TARIN MODERN PUBLIC SCHOOL (+2), ALIGARH**

**SESSION: 2020-2021**

**ANNUAL EXAMINATION SYLLABUS**

**CLASS – XI-PCM**

**ENGLISH**

**BOOK- HORNBILL & SNAPSHOTS**

1. The Laburnum Top
2. Landscape of the Soul
3. The Ailing Planet
4. The Browning Version
5. Childhood
6. Silk Road
7. Albert Einstein at School
8. Mothers Day
9. Birth
10. The summer of the beautiful white horse

**WRITING AND GRAMMAR SECTION**

11. Letter
12. Debate
13. Poster
14. Notice
15. Tenses

**READING SECTION**

16. Unseen passage
17. Note-making and summarizing

**CHAPTERS AND TOPICS FROM I-TERM**

- The summer of the beautiful white horse
- Letter, Notice, Poster

## **PHYSICS**

- Ch-1 Motion in a Plane (Vectors & Projectile)
- Ch-2 Laws of Motion (Force & Friction)
- Ch-3 Work, Energy and Power (Collision)
- Ch-4 Centre of mass and Rotational motion
- Ch-5 Gravitation
- Ch-6 Mechanical Properties of solids and Fluids
- Ch-7 Thermal Properties of matter
- Ch-8 Thermodynamics and Kinetic theory of gases
- Ch-9 Oscillations and waves

## **CHEMISTRY**

- Chapter 1 Chemical Bonding
- Chapter 2 Thermodynamics
- Chapter 3 p-Block Elements
- Chapter 4 States of Matter
- Chapter 5 Equilibrium
- Chapter 6 General Organic Chemistry
- Chapter 7 Hydrocarbons
- Chapter 8 Structure of Atom
- Chapter 9 Redox Reaction

## **MATHEMATICS**

1. SEQUENCES AND SERIES
2. STRAIGHT LINES
3. CONIC SECTIONS
4. INTRODUCTION TO THREE DIMENSIONAL GEOMETRY
5. LIMITS AND DERIVATIVES
6. STATISTICS
7. PROBABILITY
8. TRIGONOMETRIC FUNCTIONS
9. RELATIONS AND FUNCTIONS

## **GEOGRAPHY**

- 1- Structure and physiography
- 2- Natural vegetation
- 3- Geography as discipline
- 4- Interior of earth
- 5- Distribution of ocean and continent
- 6- Minerals and rocks
- 7- Composition and structure of atmosphere
- 8- Solar radiation
- 9- Atmospheric circulation and weather system

## **PHYSICAL EDUCATION**

- Unit II - Olympic value education
- Unit V - Yoga
- Unit VI - Physical Activity & Leadership Training
- Unit VII - Test Measurement & Evaluation
- Unit VIII - Fundamentals of Anatomy & Physiology & Kinesiology in Sports
- Unit IX - Psychology & Sports
- Unit X - Training and Doping in Sports

## **COMPUTER SCIENCE**

<b>Chapter Number</b>	<b>Chapter Name</b>
1	Data Representation
2	Boolean Logic
3	Python Fundamental
4	Data Handling
5	Flow of Control
6	String Manipulation
7	List Manipulation
8	Tuples
9	Dictionary
10	Understanding Sorting
11	Society, Law and Ethics