



# **AYESHA TARIN MODERN PUBLIC SCHOOL (+2)**

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## **CLASS – XI-PCM**

### **HALF-YEARLY SYLLABUS (2020-21)**

#### **ENGLISH**

##### **Hornbill Book**

- The portrait of a lady
- A Photograph
- We are not afraid to die....
- Discovering Tut

##### **Snapshots Book**

- The summer of the beautiful white horse
- The Address

##### **WritingSection**

- Formal letter
- Notice writing
- Speech
- Poster designing

##### **Grammar Section**

- Reordering of sentences

##### **Reading Section**

- Unseen passage for comprehension
- Note making and summary

#### **PHYSICS**

- Unit and Dimensions
- Error Analysis
- Motion in straight line
- Vectors
- Motion in a plane
- Projectile motion

## **CHEMISTRY**

Chapter 1	Some basic concept of chemistry
Chapter 2	Structure of atom
Chapter 3	Classification of elements
Chapter 4	Redox reaction
Chapter 5	S-Block elements
Chapter 6	Hydrogen

## **MATHEMATICS**

CHAPTER 1:	SETS
CHAPTER 2:	REALTIONS AND FUNCTIONS
CHAPTER 3:	TRIGONOMETRIC FUNCTIONS
CHAPTER 5:	COMPLEX NUMBERS AND QUADRATIC EQUATIONS
CHAPTER 6:	LINEAR INEQUALITIES
CHAPTER 7:	PERMUTATIONS AND COMBINATIONS

## **GEOGRAPHY**

1. India size and location
2. Drainage
3. Natural vegetation and wildlife
4. Soils

## **PHYSICAL EDUCATION**

UNIT I	:	Changing trends and career in physical education
UNIT II	:	Olympic value education
UNIT III	:	Physical fitness, wellness and lifestyle
UNIT IV	:	Physical education & sports for CWSN

# **COMPUTER SCIENCE**

<b>Chapter Number</b>	<b>Chapter Name</b>
1	Computer System Overview
2	Data Representation
3	Boolean Logic
4	Insight Into Program Execution
5	Introduction to problem Solving
6	Getting Started with Python