

**APOLLO PUBLIC SCHOOL  
CLASS -11  
SYLLABUS OF CHEMISTRY**

**(2017-18)**

**TERM-I**

UNIT-1 BASIC CONCEPTS OF CHEMISTRY

UNIT-2 STRUCTURE OF ATOM

UNIT-3 CLASSIFICATION OF ELEMENTS & PERIODICITY IN PROPERTIES

UNIT-4 CHEMICAL BONDING AND MOLECULAR STRUCTURE

UNIT-5 STATES OF MATTER:GASES AND LIQUIDS

UNIT-10 s-BLOCK ELEMENTS

UNIT-11 SOME p-BLOCK ELEMENTS

UNIT-12 ORGANIC CHEMISTRY:BASIC PRINCIPALS & TECNIQUES

**TERM-II**

UNIT-6 THERMODYNAMICS

UNIT-7 EQUILIBRIUM

UNIT-8 REDOX REACTIONS

UNIT-9 HYDROGEN

UNIT-13 HYDROCARBON

UNIT-14 ENVIRONMENTAL CHEMISTRY

**(Whole syllabus will come in the pre-boards and final exams.)**

**APOLLO PUBLIC SCHOOL  
CLASS -11  
SYLLABUS OF MATHS  
(2017-18)**

**TERM 1**

**CH-3 TRIGNOMETRY**

**CH-4 MATHEMATICAL INDUCTION**

**CH-5 COMPLEX NUMBERS**

**CH-6 LINEAR INEQUALITIES**

**CH-7 PERMUTATIONS AND COMBINATIONS**

**CH-8 BINOMIAL THEOREM**

**CH-9 SEQUENCE AND SERIES**

**CH-12 INTRODUCTION TO 3-D**

**TERM II**

**CH-10 STRAIGHT LINES**

**CH-11 CONIC SECTION**

**CH-13 LIMITS AND DERIVATIVES**

**CH-15 STATISTICS**

**CH-16 PROBABILITY**

**CH-1 SETS**

**CH-2 RELATIONS AND FUNCTIONS**

**(Whole syllabus will come in the pre-boards and final exams.)**

**APOLLO PUBLIC SCHOOL  
CLASS -11  
SYLLABUS OF PHYSICS**

**(2017-18)**

**TERM-I**

1. UNIT-1 PHYSICAL WORLD AND MEASUREMENT
2. UNIT-2 KINEMATICS
3. UNIT-3 LAWS OF MOTION
4. UNIT-4 WORK , POWER AND ENERGY
5. UNIT-5 MOTION OF SYSTEM OF PARTICLES

**TERM-II**

6. UNIT-6 GRAVITATION
7. UNIT-7 PROPERTIES OF BULK MATTER
8. UNIT-8 THERMODYNAMICS
9. UNIT-9 KINETIC THEORY OF GASES
10. UNIT- 10 OSCILLATIONS AND WAVES

**(Whole syllabus will come in the pre-boards and final exams.)**

**APOLLO PUBLIC SCHOOL  
SYLLABUS CLASS - XI  
Subject:- Biology**

**FIRST TERM**

**UNIT - 1**

- 1. THE LIVING WORLD**
- 2. BIOLOGICAL CLASSIFICATION**
- 3. KINGDOM PLANTAE**
- 4. KINGDOM ANIMALIA**

**UNIT -II**

- 1. MORPHOLOGY OF FLOWERING PLANTS**
- 2. ANATOMY OF FLOWERING PLANTS**
- 3. STRUCTURAL ORGANISATION IN PLANTS AND ANIMALS**

**UNIT - III**

- 1. CELL - THE UNIT OF LIFE**
- 2. CELL DIVISION**
- 3. BIOMOLECULES**

**SECOND TERM**

**UNIT -IV**

- 1. TRANSPORT IN PLANTS**
- 2. MINERAL NUTRITION**
- 3. PHOTOSYNTHESIS IN FLOWERING PLANTS**
- 4. RESPIRATION IN FLOWERING PLANTS**
- 5. PLANT GROWTH AND DEVELOPMENT**

**UNIT -V**

- 1. DIGESTION AND NUTRITION**
- 2. CIRCULATION**
- 3. RESPIRATION IN HUMAN BEINGS**
- 4. EXCRETION IN HUMAN BEINGS**
- 5. NEURAL CONTROL AND COORDINATION**
- 6. HORMONAL CONTROL AND COORDINATION**

**(Whole syllabus will come in the pre-boards and final exams.)**

**APOLLO PUBLIC SCHOOL**  
**CLASS-XI**  
**SUBJECT-PHYSICAL EDUCATION**  
**SYLLABUS 2017-18**

**TERM-I**

**UNIT-1: Changing Trends & Career in Physical Education**

**UNIT-2: Olympic Movement**

**UNIT-3: Physical Fitness, Wellness & Lifestyle**

**UNIT-4: Physical Education & Sports for Differently Adled**

**Unit-5: Yoga**

**UNIT-6: Physical Activity & Leadership Training**

**UNIT-7: Test, Measurement & Evaluation**

**TERM-II**

**UNIT-8: Fundamentals of Anatomy & Physiology**

**UNIT-9: Kinesiology, Biomechanics & Sports**

**UNIT-10: Psychology & Sports**

**UNIT-11: Training in Sports**

**UNIT-12: Doping**

**(Whole syllabus will come in the pre-boards and final exams.)**

**APOLLO PUBLIC SCHOOL  
CLASS-XI  
SUBJECT-Music  
SYLLABUS 2017-18  
TERM-I**

- 1.Definitions:** Sangeet , Shruti, Swara, Saptak ,Tana, Alankara
- 2.Character skecth of Ustad Bade Gulam Ali Khan And  
Character Sketch of Miyan Tansen.
- 3.Description of Raag Bhairav.
4. Taals: Dadra and Roopak
5. Any Five Alankaras.

**Term-II**

1. Definitions : Thaata, tala, laya, Tarana, Raag, Dhvani
- 2.Character Skecth of Pt. Vishnu Narayan Bhatkhande And Vishnu Digambar Pulaskar.
- 3.Descriptions: Raag Bageshwari
- 4.Taals : Kehrwaa And Teental
5. Brief Study of Musical Elements in Natya Shastra.
- 6.Brief history of Drupad, Khyal and Gharana.

**(Whole syllabus will come in the pre-boards and final exams.)**

**APOLLO PUBLIC SCHOOL**  
**CLASS-XI**  
**SUBJECT-INFORMATICS PRACTICES**  
**SYLLABUS 2017-18**  
**TERM-I**

**UNIT-1**

- 1. HARDWARE CONCEPT**
- 2. SOFTWARE CONCEPT**

**UNIT-2**

- 1. GETTING STARTED WITH IDE PROGRAMMING**
- 2. PROGRAMMING FUNDAMENTALS**
- 3. CONTROL STRUCTURES**
- 4. PROGRAMMING GUIDELINES**

**TERM-II**

**UNIT-3**

- 1. INTRODUCTION TO MYSQL**
- 2. MYSQL**
- 3. FUNCTIONS IN MYSQL**

**UNIT-4**

- 1. IT APPLICATIONS**

**(Whole syllabus will come in the pre-boards and final exams.)**

Apolo pbilk skUl, pitAwlw

pMjwbI islybs

jmwwq-igAwRHvIN (2017-18)

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pihlI trm

**swihq**

(1) kivqw

pwT-1 qoN pwT-6

(2) vwrqk

pwT-1 qoN pwT-6

(3) irSqy nwtk (virAwm msq)

**BwSw**

(1) Axif`Tw pYrHw qy aus nwl sMbMiDq pRSn

(2) AKbwrW leI irport Aqy PIcr ilKxw

(3) lyK rcnw

**swihq qy ipMgl rUp**

(1) swihq dy rUp-kivqw, vwrqk

(2) CMD: cOpeI, korVw (pirBwSw audwhrn sihq)

(3) rs:iSMgwr, hws, krunw

(4) aupmw AlMkwr

dUjI trm

**swihq**

(1) kivqw



pwT-1 qoN pwT-12

**(2) vwrqk**

pwT-1 qoN pwT-12

**(3) irSgy nwtk (virAwm msq)**

**BwSw**

(1) Axif`Tw pYrHw qy aus nwl sMbMiDq pRSn

(2) AKbwrW leI irport Agy PIcr ilKxw

(3) lyK rcnw

**swihq qy ipMgl rUp**

(1) swihq dy rUp-kivqw, vwrqk, nwvl, in`kI khwxI

(2) CMd: cOpeI, korVw, dv`eIAw, bYNq (pirBwSw audwhrn  
sihq)

(3) rs:iSMgwr, hws, krunw

(4) AlMkwr: AnupRws, rUpk, aupmw

**SUBJECT: ENGLISH**  
**TERM – I SYLLABUS (SEPT.2017)**

**HORN BILL**

**PROSE SECTION:**

1. THE PORTRAIT OF A LADY
2. WE' RE NOT AFRAID TO DIE.....
3. DISCOVERING TUT

**POETRY**

1. A PHOTOGRAPH
2. THE VOICE OF THE RAIN

**SNAPSHOT:**

1. THE SUMMER OF THE BEAUTIFUL WHITE HORSE
2. THE ADDRESS
3. RANGA'S MARRIAGE

**NOVEL: THE CANTERVILLE GHOST (CH.1-3)**

**B.B.C. : SECTION A (READING) & SECTION B (WRITING SKILLS & GRAMMAR)**