

**APOLLO PUBLIC SCHOOL
CLASS -12
SYLLABUS OF CHEMISTRY**

(2017-18)

TERM-I

UNIT-1 SOLID STATE
UNIT-2 SOLUTIONS
UNIT-3 ELECTROCHEMISTRY
UNIT-5 SURFACE CHEMISTRY
UNIT-7 p-BLOCK ELEMENTS
UNIT-8 d- AND f-BLOCK ELEMENTS
UNIT-10 HALOALKANES AND HALOARENES
UNIT-15 POLYMERS
UNIT-16 CHEMISTRY IN EVERYDAY LIFE

TERM-II

UNIT-4 CHEMICAL KINETICS
UNIT-9 COORDINATION COMPOUNDS
UNIT-11 ALCOHOLS, PHENOLS AND ETHERS
UNIT-12 ALDEHYDES , KETONES AND CARBOXYLIC ACIDS
UNIT-13 ORGANIC COMPOUNDS CONTAINING NITROGEN
UNIT-14 BIOMOLECULES

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

**APOLLO PUBLIC SCHOOL
CLASS -12
SYLLABUS OF MATHS
(2017-18)**

TERM I

CH-MATRICES AND DETERMINANTS

CH-CONTINUITY AND DIFFRENTIABILITY

CH- DIFFERENTIATION

CH- APPLICATIONS OF DERIVATIVES

CH- INDEFINITE INTEGRAL

CH- INVERSE TRIGNOMETRY

CH- LINEAR PROGRAMMING

TERM II

CH- DEFINITE INTEGRAL

CH- AREA BOUNDED UNDER CURVE

CH- DIFFERENTIAL EQUATIONS

CH- VECTORS

CH- 3-DIMENSIONAL GEOMETRY

CH- PROBABILITY

CH- RELATIONS AND FUNCTIONS

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

**APOLLO PUBLIC SCHOOL
SYLLABUS CLASS -XII
SUBJECT - BIOLOGY
TERM - I**

Unit -I

- 1. REPRODUCTION IN ORGANISMS**
- 2. SEXUAL REPRODUCTION IN FLOWERING PLANTS**
- 3. HUMAN REPRODUCTION**
- 4. REPRODUCTIVE HEALTH**

UNIT -II

- 1. PRINCIPLES OF INHERITANCE AND VARIATIONS**
- 2. MOLECULARS BASIS OF INHERITANCE**
- 3. EVOLUTION**

UNIT -IV

- 1. BIOTECHNOLOGY: PRINCIPLES AND PROCESSES**
- 2. BIOTECHNOLOGY AND ITS APPLICATIONS**

UNIT -V

- 1. ENVIRONMENTAL ISSUES**
- 2. BIODIVERSITY AND ITS CONSERVATION**

TERM II

UNIT -V

- 1. ORGANISMS AND POPULATION**
- 2. ECOSYSTEM**

UNIT III

- 1. HUMAN HEALTH AND DISEASES**
- 2. STRATEGIES FOR ENHANCEMENT IN FOOD PRODUCTION**
- 3. MICROBES IN HUMAN WELFARE**

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

**APOLLO PUBLIC SCHOOL
CLASS -12
SYLLABUS OF PHYSICS**

(2017-18)

TERM-I

1. UNIT-1 ELECTROSTATICS
2. UNIT-2 CURRENT ELECTRICITY
3. UNIT-3 MAGNETIC EFFECTS OF CURRENT
4. UNIT-4 ELECTROMAGNETIC INDUCTION AND ALTERNATING CURRENT
5. UNIT-5 ELECTROMAGNETIC WAVES

TERM-II

6. UNIT-6 OPTICS
7. UNIT-7 DUAL NATURE OF MATTER
8. UNIT-8 ATOMS & NUCLEI
9. UNIT-9 ELECTRONIC DEVICES
10. UNIT- 10 COMMUNICATION SYSTEMS

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

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

UNIT-1

1. Computer Networking
2. Open Source Concept
3. Java GUI Programming Revision Tour –I
4. Java GUI Programming Revision Tour –II
5. Java GUI Programming Revision Tour –III
6. More About Classes And Libraries
7. Concept of Inheritance
8. Database Connectivity to MySQL
9. Web Application Development
10. HTML-I : Basic HTML Elements
11. HTML-II : Lists, Tables And Forms
12. XML - eXtensible Markup Language

UNIT-2

1. MySQL Revision Tour
2. Database Transactions
3. More On SQL – Grouping Records And Table Joins
4. Tables And Integrity Constraint
5. IT Applications

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

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

1. **Definitions:** Alankara, Varna, Meend, Grama, Murchhana, Aalap.
2. Classification of Raag.
3. Sangeet Ratnakar.
4. Description: Bhimplasi and Malkauns.
5. Taal: Dhammar taal and jhap taal.
6. Character sketch of Abdul Karim Khan and Ustad Faiyaz Khan.
7. Notation of Bhimplasi and Malkauns.

Term-II

1. Definitions : Kan, Khatka, Murki, Gamak, Tana
2. Time Theory of Raag.
3. Descriptions: Raag Bageshwari and Bhairav.
4. Taals : Tilwada and Dhammar.
5. Sangeet Parijat.
6. Character Sketch of Pt. Krishna Rao Pandit. and Ustad Bade Gulam Ali Khan.
7. Notation of Bhairav and Bageshwari Raag.

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

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

Theory Max. Marks 70

TERM-I

Unit-I: Planning in Sports Meaning

Unit-II: Sports & Nutrition Balanced Diet

Unit-III: Training in Sports

Unit-IV: Physical Education & Sports for Different-Abled

Unit-V: Children & Sports Motor Development

Unit-VI: Test & Measurement in Sports

Unit-VII: Yoga & Lifestyle

TERM-II

Unit-VIII: Physiology & Sports

Unit-IX: Sports Medicine

Unit-XI: Psychology & Sports

Unit-XII: Women & Sports

**APOLLO PUBLIC SCHOOL
CLASS-XII
SUBJECT- ENGLISH
SYLLABUS 2017-18
TERM-I**

- 1. Section A & Section B of BBC**
- 2. Textbook: Flamingoes (Complete)**