

**ANNUAL SYLLABUS (2023-2024)**
**GRADE - XII**
**SUBJECT-CHEMISTRY**
**Book prescribed : NCERT**

Month & Days	Units	Number of Days	Activity/practicals
April	Ch-1 Solutions Ch-2- Electrochemistry	17	Preparation of standard solution of mohl salt and oxalic acid. Titration of $\text{KMnO}_4$ solution.
May WEEKLY TEST 1	Ch-2- Electrochemistry(contd.) Ch-6-Haloalkanes and Haloarenes	21	Functional Group Analysis
July	Ch-7- Alcohols, Phenols and Ether Ch-3- Chemical Kinetics	21	Salt Analysis
August WEEKLY TEST 2	Ch-8- Aldehydes, Ketones and Carboxylic acids Ch-4- D and F block elements	21	Chromatography and Salt Analysis
September TERM I	Ch-10- Biomolecules	19	Food Test Analysis
October PRE-BOARD 1	Ch-5- Co-ordination compounds	19	Salt Analysis
November PRE-BOARD 2	Ch-5- Co-ordination compounds (contd.)	18	REVISION PROJECT FILE SUBMISSION
December PRE-BOARD 3	Ch-9-Amines	20	REVISION
January PRE-BOARD 4	Full Syllabus	17	FULL REVISION
February PRE –BOARD 5	Full Syllabus	7	PRE BOARDS & PRACTICAL

**Weekly Test 1 Syllabus – Ch-1 and 2**
**Weekly Test 2 Syllabus----Ch-3,6,7**
**Mid Term Examination Syllabus – Ch-1,2,3,4,6,7**
**Pre board 1 Syllabus – Ch-1,2,3,4,6,7,8,10**
**Pre Board Examination 2 Syllabus – Ch-1, 2, 3,4,5,6,7,8,10**
**Pre-Board Examination 3 Syllabus—Full Syllabus**
**Pre- Board Examination 4 Syllabus—Full Syllabus**
**Pre-Board Examination 5 Syllabus---Full Syllabus**

**ANNUAL SYLLABUS (2023-2024)**
**GRADE - XII**
**SUBJECT-PHYSICS**
**Book prescribed : NCERT**

Month& Days	Units	Number of Days	Activity /practicals
April	Ch-1 Electric charges and fields Ch-2- Electrostatic potential and capacitance	17	OHM,S Law Experiment
May WEEKLY TEST 1	Ch-3-Current electricity	21	Meter bridge experiment [specific resistance]
July	Ch-4-Moving charges and Magnetism Ch-5-Magnetism and matter	21	Meter bridge experiment [combination of resistance]
August WEEKLY TEST 2	Ch-6-Electromagnetic induction Ch-7- Alternating current	21	Half deflection method [figure of merit]
September TERM I	Ch-8-Electromagnetic Wave Ch-9-Ray optics and optical instrument	19	Focal length of convex lens by two pin method Focal length of concave lens by convex lens
October PRE-BOARD 1	Ch-10-Wave optics Ch-11-Dual Nature of radiation and matter	19	Refractive index of water by convex lens and plane mirror PN Junction diode experiment
November PRE-BOARD 2	Ch-12- 13-Atoms and nuclei Ch-14-Semiconductor	18	REVISION PROJECT FILE SUBMISSION
December PRE-BOARD 3	Full Syllabus	20	REVISION
January PRE-BOARD 4	Full Syllabus	17	FULL REVISION
February PRE –BOARD 5	Full Syllabus	7	PRE BOARDS& PRACTICAL

**Weekly Test 1 Syllabus – Ch-1 and 2**
**Weekly Test 2 Syllabus----Ch-3,4, 5,**
**Mid Term Examination Syllabus – Ch-1,2,3 ,4 ,5,6,7 ,8**
**Pre board 1 Syllabus – Ch-1,2,3,4,5 6,7,8,9 10 ,11**
**Pre BoardExamination 2 Syllabus – Full Syllabus except chapter 14**
**Pre-Board Examination 3 Syllabus—Full Syllabus**
**Pre- Board Examination 4 Syllabus—Full Syllabus**
**Pre-Board Examination 5 Syllabus---Full Syllabus**

**ANNUAL SYLLABUS PLAN (2023-24)**  
**GRADE - XII**  
**SUBJECT- ENGLISH**

**BOOK PRESCRIBED : FLAMINGO & VISTAS**

<b>Month</b>	<b>Units</b>	<b>Number of days</b>
<b>March</b>	<b>Flamingo: Ch.1 - Last Lesson Poem: My Mother at Sixty-Six</b>	<b>07</b>
<b>April</b>	<b>Flamingo:Ch. – 2 Lost Spring Vistas:Ch.1 –Third Level Ch. 4 – The Enemy  Writing Skill:Invitations &amp; Letter Writing (Letter to Editor) Reading Skill:Reading Comprehension</b>	<b>17</b>
<b>May</b>	<b>Flamingo: Ch. -3 Deep Water Ch.4 - The Rattrap Poem: Keeping Quiet Vistas:Ch.2- Tiger King Ch.3 – Journey to The End of the Earth Notice Writing, Writing Skill:Notice writing</b>	<b>21</b>
<b>July</b>	<b>Flamingo: Ch. 5 Indigo, Ch. 6 Poet And Pancakes Poem: A Thing of Beauty Vistas:Ch. 6 –On the face of it Writing Skill:Report Writing</b>	
<b>August</b>	<b>Flamingo: Ch.7 -Interview Poem: Aunt Jennifer’s Tigers Vistas: Ch.8 Memories Of Childhood Writing Skill:Article Writing</b>	
<b>September</b>	<b>Poem: A Roadside Stand  REVISION &amp; TERM1 EXAM (11.09. 23 to 25.09.23)</b>	
<b>October</b>	<b>Flamingo: Ch.8 - Going Place Writing Skill:Job Application  REVISION &amp; PREBOARD 1 EXAM (25.10.23-10.11.2023)</b>	
<b>November</b>	<b>REVISION &amp; PREBOARD 2 EXAM</b>	
<b>December</b>	<b>REVISION &amp; PREBOARD 3 EXAM (15.12.2023-29.12.2023)</b>	
<b>January</b>	<b>REVISION &amp; PREBOARD 4 EXAM (08-01.2024-22.01.24)</b>	
<b>February</b>	<b>: REVISION &amp; PREBOARD 5 EXAM (02.02.2024- 16.02.24) there after CBSE Board Exams</b>	

**ANNUAL SYLLABUS PLAN (2023-24)**  
**GRADE - XII**  
**SUBJECT- BIOLOGY**

**BOOK PRESCRIBED : TEXT BOOK: BIOLOGY (NCERT)**

**PRACTICE BOOK : NCERT EXEMPLAR - BIOLOGY**

**LAB MANUAL : COMPREHENSIVE**

<b>Month</b>	<b>Units</b>	<b>Number of days</b>
<b>March</b>	<b>Ch-2: Sexual Reproduction in Flowering Plants</b>	<b>09</b>
<b>April</b>	<b>Ch-3: Human Reproduction Ch-4: Reproductive Health</b>	<b>18</b>
<b>May</b>	<b>UNIT – VII, GENETICS AND EVOLUTION Ch-5: Principles of Inheritance and Variation. Ch-7: Evolution</b>	<b>18</b>
<b>July</b>	<b>UNIT – VII, GENETICS AND EVOLUTION Ch-6: Molecular Basis of Inheritance. Ch-13: Organisms and Populations. Ch-8: Human Health and Diseases.</b>	<b>21</b>
<b>August</b>	<b>UNIT-VIII BIOLOGY AND HUMAN WELFARE Ch-10: Microbes in Human Welfare</b>	<b>20</b>
<b>September</b>	<b>UNIT-X ECOLOGY AND ENVIRONMENT Ch-14: Ecosystem.</b>	<b>22</b>
<b>October</b>	<b>Ch-15: Biodiversity and its Conservation</b>	<b>16</b>
<b>November</b>	<b>UNIT-IX BIOTECHNOLOGY AND ITS APPLICATIONS Ch-12: Biotechnology and its Application.</b>	<b>18</b>
<b>December</b>	<b>Revision for Pre-Board</b>	<b>22</b>
<b>January</b>	<b>Pre-Board</b>	
<b>February</b>	<b>Pre-Board</b>	

**ANNUAL SYLLABUS PLAN (2023-24)**  
**GRADE - XII**  
**SUBJECT- MATHEMATICS**

**BOOK PRESCRIBED :**  
**TEXT BOOK :** MATHEMATICS (NCERT)  
**PRACTICE BOOK :** PREVIOUS YEAR QUESTION CHAPERWISE (ARIHANT PUBLICATION)  
**LAB MANUAL :** FULL MARKS

Month	Units	Number of Days
April	Chapter –(3) Matrix Chapter –(4) Determinant Chapter – (2) Inverse Trigonometry Weekly Test (I) – syllabus (Chapters 3 & 4 )	17
May	Chapter –(5) Continuty and Derivative Chapter –(6) Application of derivative	9
July	Weekly Test (II) – syllabus (Chapters 2 & 5 ) Chapter – (6)Application of derivative Chapter –(13) Probability Chapter –(12) L.P.P Chapter – (10) Vector	21
August	Chapter –(11) Three Dimention Geometry Chapter –(7) Integration	21
September	Revision of <b>Term I Exam (11/09/23 to 25/09/23)</b> Syllabus (Chapters 2 ,3,4,5,6,10,12,13 & 7 ) Chapter –(7) Integration Chapter – (8) Application of Integration	19
October	Chapter – ( 8) Application of Integration Chapter – (9) Defferential equation Chapter – ( 1) Relation & Function <b>Syllabus of Pre Board – 1</b> (Chapters2,3,4,5,6,10,11,12,13 & 7 )	19
November	Chapter – (9) Defferential equation Chapter – ( 1) Relation & Function <b>REVISION OF Pre Board exam.</b> <b>Syllabus of Pre Board – 2 ( All chapters )</b>	18
December	<b>REVISION OF Pre Board exam.</b> <b>Syllabus of Pre Board – 3 ( All chapters )</b> <b>Pre Board Exam 11/01/23 to 20/01/23</b>	20
January	<b>REVISION OF Board quations</b> <b>Syllabus of Pre Board – 4 ( All chapters )</b>	17
February	<b>Syllabus of Pre Board – 5 ( All chapters )</b> <b>REVISION OF Board quations</b>	21

**Syllabus:**

**Weekly Test 1- Ch- 3 and 4**

**Weekly Test 2- Ch-2 and 5**

**Term –I Exam - Chapters 2 ,3,4,5,6,10,12,13 & 7**

**Syllabus of Pre Board – 1 (Chapters2,3,4,5,6,10,11,12,13 & 7 )**

**Syllabus of Pre Board – 2,3,4&5 ( All chapters )**

**ANNUAL SYLLABUS PLAN (2023-24)**
**GRADE - XII**
**SUBJECT- Physical & Health Education**
**BOOK PRESCRIBED : TEXT BOOK: PHYSICAL & HEALTH EDUCATION (FULL MARKS)**
**PRACTICE BOOK : PHYSICAL & HEALTH EDUCATION (FULL MARKS)**
**LAB MANUAL : FULL MARKS**

Month	Units	Number of days
April	Ch-1: Management of sporting events Ch-2: Children & Women in Sports Practical Practice	17
May	Ch-3: Yoga and Lifestyle Ch-4: Physical Education & Sports for (CWSN) Practical Practice	21
July	Ch-5: Sports and Nutrition Ch-6: Test & Measurement in sports Practical Practice	21
August	Ch-7: Physiology and Injuries in sports Ch-8: Biomechanics in Sports Practical Practice	21
September	Ch-9: Psychology and Sports Ch-10: Training in Sports Practical Practice	19
October	Ch-1 to 4 Revision Practical Practice Pre-Board 1 <sup>st</sup> Exams (25/10/23 to 10/11/23)	19
November	Ch-5 to 10 Revision Practical Practice Pre-Board 2 <sup>nd</sup> Exams (20/11/23 to 06/11/23)	18
December	Practical Practice and Subjective Doubt Sessions Pre-Board 3 <sup>rd</sup> Exams (15/12/23 to 29/12/23)	20
January	Practical Practice and Subjective Doubt Sessions Pre-Board 4 <sup>th</sup> Exams (08/01/24 to 22/01/24)	17
February	Pre-Board 5 <sup>th</sup> Exams (02/02/24 to 16/02/24)	7

**ANNUAL SYLLABUS PLAN (2023-24)**  
**GRADE - XII**  
**SUBJECT- COMPUTER SCIENCE(083)**

Book Prescribed : Computer Science with Python – A text book for class XII  
 Publisher : Dhanpat Rai & Sons  
 Author : Sumita Arora

<b>Month</b>	<b>Units</b>	<b>Number of days</b>
<b>March</b>	Ch 1 Python Revision Tour -I	<b>07</b>
<b>April</b>	Ch 2 Python Revision Tour - II Ch 3 Working with Functions	<b>17</b>
<b>May</b>	Ch 5 File Handling Ch 4 Using Python Libraries, Exception Handling	<b>21</b>
<b>July</b>	Ch 9 Data Structure : Stacks Ch 12 Relational Database Ch 13 Simple queries in SQL	<b>21</b>
<b>August</b>	Ch 14 Table Creation & Data Manipulation Commands Ch 15 Grouping Records & Joins in SQL	<b>21</b>
<b>September</b>	Ch 15 Interface Python with MySQL <b>REVISION &amp; TERM1 EXAM (11.09.23 to 25.09.23)</b>	<b>19</b>
<b>October</b>	Ch 10 Computer Network – I Ch 11 Computer Network – II <b>REVISION &amp; PREBOARD 1 EXAM (25.10.23-10.11.2023)</b>	<b>19</b>
<b>November</b>	<b>REVISION &amp; PREBOARD 2 EXAM</b>	
<b>December</b>	<b>REVISION &amp; PREBOARD 3 EXAM (15.12.2023-29.12.2023)</b>	
<b>January</b>	<b>REVISION &amp; PREBOARD 4 EXAM (08-01.2024-22.01.24)</b>	
<b>February</b>	<b>REVISION &amp; PREBOARD 5 EXAM (02.02.2024-16.02.24) there after CBSE Board Exams</b>	

**ANNUAL SYLLABUS PLAN (2023-24)**  
**GRADE - XII**  
**SUBJECT- PAINTING**

**BOOK PRESCRIBED: NA**

<b>Month</b>	<b>Units</b>	<b>Number of days</b>
<b>March</b>	<b>Practical</b> : Object Study / Nature Study	<b>07</b>
<b>April</b>	<b>Theory</b> Chapter-1 Ch1 : 1. The Rajasthani School of Miniature Painting Ch-1. 2. : The Pahari School of Miniature Painting <b>Practical</b> : Object Study / Nature Study	<b>17</b>
<b>May</b>	<b>Theory</b> Chapter-2 Ch-2. : 1. The Mughal School of Miniature Painting Ch-2. : 2. The Deccan School of Miniature Painting <b>Practical</b> : Landscape painting	<b>21</b>
<b>July</b>	<b>Theory</b> Chapter-3 Ch-3. : 1. New Era in Indian Art Ch-3. : 2. The Bengal School of Painting <b>Practical</b> : Painting Composition	<b>21</b>
<b>August</b>	<b>Theory</b> Chapter-4 Ch-4. : 1. The Modern Trends in Indian Art Introduction Study of Paintings, Graphic Prints & Sculptures <b>Practical</b> : Object Study/Painting Composition	<b>21</b>
<b>September</b>	<b>Theory</b> : Revision <b>Practical</b> : Object Study/Painting Composition	<b>19</b> (including 12 days of Examinations)
<b>October</b>	<b>Theory</b> : Revision <b>Practical</b> : Object Study/Painting Composition	<b>19</b>
<b>November</b>	<b>Theory</b> : Revision <b>Practical</b> : Oil Painting / Acrylic Painting on canvas	<b>18</b>
<b>December</b>	<b>Theory</b> : Revision <b>Practical</b> : Oil Painting / Acrylic Painting on canvas	<b>20</b>
<b>January</b>	<b>Theory</b> : Revision <b>Practical</b> : Portfolio Preparation	<b>17</b>
<b>February</b>	<b>Revision &amp; Board Exams</b>	<b>21</b>