



ANNUAL SYLLABUS PLAN (2024-25)
GRADE - XII
SUBJECT- COMPUTER SCIENCE(083)

Book Prescribed : Computer Science with Python – A text book for class XII
 Publisher : DhanpatRai& Sons
 Author : SumitaArora

Month	Units	Number of days
April	Ch 3 Working with Functions	20
May	Ch 5 File Handling Ch 4 Using Python Libraries, Exception Handling	22
July	Ch 9 Data Structure : Stacks Ch 12 Relational Database Ch 13 Simple queries in SQL	22
August	Ch 14 Table Creation & Data Manipulation Commands Ch 15 Grouping Records & Joins in SQL	18
September	Ch 15 Interface Python with MySQL REVISION & TERM1 EXAM	20
October	Ch 10 Computer Network – I Ch 11 Computer Network – II REVISION	19
November	REVISION & PREBOARD EXAM	19
December	REVISION & PREBOARD EXAM	19
January	REVISION & PREBOARD EXAM	18
February	REVISION	18

Periodic Test 1: Ch 1 Python Revision Tour 1, Ch 2 Python Revision Tour 2
 Ch 3 Working with Functions, Ch 5 File Handling
 Periodic Test 2: Ch 5 File Handling, Ch 9 Data Structure : Stacks
 Ch 12 Relational Database, Ch 13 Simple queries in SQL
 Term 1 : Ch 1 Python Revision Tour 1, Ch 2 Python Revision Tour 2
 Ch 3 Working with Functions, Ch 5 File Handling
 Ch 9 Data Structure : Stacks, Ch 12 Relational Database
 Ch 13 Simple queries in SQL

Pre Board 1: Complete Syllabus
 Pre Board 2: Complete Syllabus
 Pre Board 3: Complete Syllabus

Annual Syllabus (2024-25)
GRADE - XII
SUBJECT- CHEMISTRY
SUBJECT- CHEMISTRY

Book prescribed : NCERT

Month& Days	Units	Number of Days	Activity /practicals
April	Ch-1 Solution Ch-2- D & F block elements	20	
May WEEKLY TEST 1 27.05.2024	Ch-3-Electrochemistry	22	Volumetric analysis
July WEEKLY TEST 2 22.07.2024	Ch-4- Chemical Kinetics Ch-5-Biomolecules	22	Salt analysis
August	Ch-6-Coordination compounds Ch-7- Haloalkanes & Haloarenes	18	Content based experiment
September TERM I 19.09.2024	Ch-8-Alcohol, phenol & Ethers Ch-9-Aldehyde, ketones & carboxylic acids	20	Focal length of convex lens by two pin method Focal length of concave lens by convex lens
October	Ch-10-Amines	19	Content based experiment
November PRE-BOARD 1 14.11.2024	Revision	19	REVISION PROJECT FILE SUBMISSION
December PRE-BOARD 2 26.12.2024	Full Syllabus	19	REVISION
January PRE-BOARD 3 17.01.2025	Full Syllabus	18	FULL REVISION
February	Full Syllabus		PRE BOARDS& PRACTICAL

Weekly Test 1 Syllabus – Ch-1 and 2

Weekly Test 2 Syllabus----Ch-3, 4

Mid Term Examination Syllabus – Ch-1,2,3 ,4 ,5,6,7

Pre board 1 Syllabus – Ch- 1,2,3,4,5,6,7,8,9

Pre BoardExamination 2 Syllabus –Full Syllabus

Pre-Board Examination 3 Syllabus—Full Syllabus



ANNUAL SYLLABUS PLAN (2024-25)
GRADE - XII
SUBJECT- Physical & Health Education

BOOK PRESCRIBED : TEXT BOOK: PHYSICAL & HEALTH EDUCATION (SARASWATI)

PRACTICE BOOK : PHYSICAL & HEALTH EDUCATION (SARASWATI)

LAB MANUAL : SARASWATI

Month	Units	Number of days
April	Ch-1: Management of sporting events Ch-2: Children & Women in Sports Practical Practice	20
May	Ch-3: Yoga as Preventive Measure for lifestyle Disease Ch-4: Physical Education & Sports for (CWSN) Practical Practice	22
July	Ch-5: Sports and Nutrition Ch-6: Test & Measurement in sports Practical Practice	22
August	Ch-7: Physiology and Injuries in sports Ch-8: Biomechanics and Sports Practical Practice	18
September	Ch-9: Psychology and Sports Ch-10: Training in Sports Practical Practice	20
October	Ch-1 to 4 Revision Practical Practice	19
November	Ch-5 to 10 Revision Practical Practice	19
December	Practical Practice and Subjective Doubt Sessions Pre-Board 1 st Exams	19
January	Practical Practice and Subjective Doubt Sessions Pre-Board 2 nd Exams	18
February	Annual	18

Weekly Test 1 Syllabus – Ch-1 and 2

Weekly Test 2 Syllabus----Ch-3, 4

Term 1 Examination Syllabus – Ch-1-6

Weekly test 3 syllabus:- ch 7,8

PreBoard :- Full syllabus

Annual Syllabus (2024-25)
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	20	OHM,S Law Experiment
May WEEKLY TEST 1 06.05 2024	Ch-3-Current electricity	22	Meter bridge experiment [specific resistance]
July WEEKLY TEST 2 29.07.2024	Ch-4-Moving charges and Magnetism Ch-5-Magnetism and matter	22	Meter bridge experiment [combination of resistance]
August	Ch-6-Electromagnetic induction Ch-7- Alternating current	18	Half deflection method [figure of merit]
September TERM I 17.09.2024	Ch-8-Electromagnetic Wave Ch-9-Ray optics and optical instrument	20	Focal length of convex lens by two pin method Focal length of concave lens by convex lens
October	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 1 18.11.2024	Ch-12- 13-Atoms and nuclei Ch-14-Semiconductor	19	REVISION PROJECT FILE SUBMISSION
December PRE-BOARD 2 23.12.2024	Full Syllabus	19	REVISION
January PRE-BOARD 3 20.01.2025	Full Syllabus	18	FULL REVISION
February	Full Syllabus		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
Pre-Board Examination 3 Syllabus—Full Syllabus



**ANNUAL SYLLABUS PLAN (2024-25)
GRADE - XII**

SUBJECT- Maths

BOOK

PRESCRIBED: **NCERT : Part -1 & 2**

Question bank of Arrihant publication

Month	Units	Number of days
April	Chapter –(3) Matrix Chapter –(4) Determinant Chapter – (2) Inverse Trigonometry	20
May	Chapter –(5) Continuty and Derivative Chapter –(6) Application of derivative P. T 1- – syllabus (Chapters 3 & 4)	22
July	Chapter – (6)Application of derivative Chapter –(13) Probability Chapter –(12) L.P.P Chapter – (10) Vector P. T 2 – syllabus (Chapters 2,5 &6)	22
August	Chapter –(11) Three Dimention Geometry Chapter –(7) Integration	18
September	Revision and Term 1 Exam 09/9/24 to 25/09/24) Syllabus (Chapters 2 ,3,4,5,6,10,11,12,13 &7)	20
October	Chapter – (8) Application of Integration Chapter – (9) Defferential equation Chapter – (1) Relation & Function	19
November	Syllabus of Pre Board – 1 (All chapters) Pre Board I Exam 08/11/24 to 28/11/24	19
December	REVISION Pre BoardII Exam 10/12/24 to 26/12/24	19
January	Pre Board III Exam 13/01/25 to 27/01/25	18
February	Revision	18
March	Final Board Exam	--

U. T 1- – syllabus (Chapters 3 & 4)

U. T 2 – syllabus (Chapters 2,5 & 6)

Term 1 Exam

Syllabus (Chapters 2 ,3,4,5,6,10,11,12,13 & 7)

Syllabus of Pre Board – 1 ,2 & 3 (All chapters)



ANNUAL SYLLABUS PLAN (2024-25)
GRADE - XII
SUBJECT- BIOLOGY

BOOK PRESCRIBED : TEXT BOOK: BIOLOGY (NCERT)

PRACTICE BOOK : NCERT EXEMPLAR - BIOLOGY

LAB MANUAL : COMPREHENSIVE

Month	Unit-1 Reproduction	Number of days
March	Ch-2: Sexual Reproduction in Flowering Plants	Marc
April	Ch-3: Human Reproduction Ch-4: Reproductive Health	20
	Periodic Test-1	
May	UNIT-X; ECOLOGY AND ENVIRONMENT Ch-13: Organisms and Populations. Ch-14: Ecosystem Ch-15: Biodiversity and its Conservation .	22
July	UNIT – VII; GENETICS AND EVOLUTION Ch-5: Principles of Inheritance and Variation. Ch-6: Molecular Basis of Inheritance. Ch-7: Evolution	22
	Periodic Test -2	
August	UNIT-VIII ;BIOLOGY AND HUMAN WELFARE Ch-10: Microbes in Human Welfare. Ch-8: Human health and diseases.	18
September	Revision	20
October	UNIT-9; BIOTECHNOLOGY AND ITS APPLICATION Ch-11: Biotechnology -Principle and process Ch-12: Biotechnology and it's applications	19
November	Revision for Pre- Board	19
December	Revision for Pre-Board	19
January	Revision for Pre-Board	18
February		18

SYLLABUS FOR PERIODIC TEST 1 - CHAPTER 1

SYLLABUS FOR PERIODIC TEST 2 - CHAPTER 13, 14 AND 15

SYLLABUS FOR TERM 1 EXAM - CHAPTER 2,3, 4,5,6,7 ,13,14&15

PRE -BOARD SYLLABUS- CHAPTER 2 ,3,4,5,6,7,8,10,11,12,13,14&15



ANNUAL SYLLABUS PLAN (2024-25)

GRADE - XII

ENGLISH

Prescribed Books : N.C.E.R. T Flamingo & Vistas

APRIL

Flamingo : Ch.1 - Last Lesson Ch. – 2 Lost Spring

Poem : My Mother at Sixty-Six

Vistas : Ch.1–Third Level Ch. 4 – The Enemy

Writing Skill : Notice writing & Letter Writing (Letter to Editor)

Reading Skill : Reading Comprehension

MAY

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 : Invitations

JULY

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

AUGUST

Flamingo : Ch.7-Interview

Poem : Aunt Jennifer's Tigers

Vistas : Ch.8 Memories Of Childhood

Writing Skill : Article Writing

SEPTEMBER : REVISION & TERM1 EXAM (11.09- 25.09.23)

OCTOBER

Flamingo : Ch.8 - Going Place

Poem : A Roadside Stand

Writing Skill : Job Application

NOVEMBER : REVISION & PREBOARD 1 EXAM 31.11.2024

DECEMBER : REVISION & PREBOARD 2 EXAM 16.12.2024

JANUARY : REVISION & PREBOARD 3 EXAM 22.01.2025

Test 1(29.04.24) Syllabus

Ch.- 1 Last Lesson Poem 1 My Mother at Sixty-Six

Writing Skill : Notice writing

Test 1(08.07.24) Syllabus

Ch.- 1 Last Lesson Poem 1 My Mother at Sixty-Six

Ch. -3 Deep Water Ch.4 - The Rattrap

Writing Skill : Notice writing & Invitations

Term 1(09.09.24) Syllabus

Course completed till August 2024



ANNUAL SYLLABUS PLAN (2024-25)

GRADE - XII

SUBJECT- PAINTING

BOOK PRESCRIBED: NA

Month	Units	Number of days
April	Theory Chapter-1 Ch1 : 1. The Rajasthani School of Miniature Painting Ch-1. 2. : The Pahari School of Miniature Painting Practical : Object Study / Nature Study	20
May	Theory Chapter-2 Ch-2. : 1. The Mughal School of Miniature Painting Ch-2. : 2. The Deccan School of Miniature Painting Practical : Landscape painting	22
July	Theory Chapter-3 Ch-3. : 1. New Era in Indian Art Ch-3. : 2. The Bengal School of Painting	22

	Practical : Painting Composition	
August	Theory Chapter-4 Ch-4. : 1. The Modern Trends in Indian Art Introduction Study of Paintings, Graphic Prints & Sculptures Practical : Object Study/Painting Composition	18
September	Theory : Revision Practical : Object Study/Painting Composition	20 (including 12 days of Examinations)
October	Theory : Revision Practical : Object Study/Painting Composition	19
November	Theory :Revision Practical : Oil Painting / Acrylic Painting on canvas	19
December	Theory :Revision Practical : Oil Painting / Acrylic Painting on canvas	19
January	Theory :Revision Practical : Portfolio Preparation	18
February	Revision&Board Exams	18

Periodic Test 1	24.05.2024	Chapter 1
Periodic Test2	12.08.2024	Chapter 2& 3
Terminal Exam 1	11.09.2024	Chapter 1, 2 & 3
Pre Board 1	08.11.2024	Full Syllabus
Pre Board 2	10.12.2024	Full Syllabus
Pre Board 3	13.01.2025	Full Syllabus