

BRILLIANTS' CONVENT

SR. SEC. SCHOOL

RECOGNISED & AFFILIATED TO C.B.S.E.
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HANDBOOK FOR STUDENTS 2025 – 2026

CLASS XI

This Handbook belongs to

Name:

Class: Section: Roll No:

Class Teacher:



VISION

Briliants' Convent shall remain a Unique Educational Centre defined by its core values. With excellence in all our activities of instructing, we are committed to provide the best education in the most cultivable environment so as to empower everyone. Our vision is to prepare global citizens who will become confident, determined and disciplined leaders for tomorrow's challenging world.

MISSION

Briliants' Convent has developed a sustainable, innovative, aspiring learning environment for its pupils, with focus on the three main fundamentals of life-Physical, Mental and Spiritual fitness. We at BCS are equipped with 21st century skills. We aim to create an equitable world for all and live upto our motto of “Learn to Serve” serve for humanity.

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LIST OF HOLIDAYS & VACATIONS

Date & Month	Day	Occasion / Festival
06 April 2025	Sunday	Ram Navami
10 April 2025	Thursday	Mahavir Jayanti
18 April 2025	Friday	Good Friday
12 May 2025	Monday	Buddha Purnima
07 June 2025	Saturday	Eid-ul-Adha*
06 July 2025	Sunday	Muharram
09 August 2025	Saturday	Raksha Bandhan
15 August 2025	Friday	Independence Day
16 August 2025	Saturday	Janmashtami
05 September 2025	Friday	Eid-e-Milad*
29 September 2025 – 01 October 2025	Monday , Tuesday & Wednesday	Dusshera Holidays
02 October 2025	Thursday	Gandhi Jayanti
07 October 2025	Tuesday	Maharishi Valmiki Jayanti
10 October 2025	Friday	Karva Chauth
20 – 21 October 2025	Monday – Tuesday	Deepavali
22 October 2025	Wednesday	Govardhan Puja
23 October 2025	Thursday	Bhai Dooj
05 November 2025	Wednesday	Guru Nanak Jayanti
25 December 2025	Thursday	Christmas
14 January 2026	Wednesday	Makar Sankranti
26 January 2026	Monday	Republic Day
15 February 2026	Sunday	Maha Shivratri
04 March 2026	Wednesday	Holi
20 March 2026	Friday	Eid-ul-Fitr*

* Subject to appearance of the moon

SUMMER BREAK	
Students	16 May 2025 – 30 June 2025
Reopening of School	01 July 2025
Teachers	31 May 2025 – 23 June 2025
Re – Joining	24 June 2025
WINTER BREAK	
Students	29 December 2025 – 07 January 2026
Reopening of School	08 January 2026
Teachers	29 December 2025 – 03 January 2026
Re – Joining	05 January 2026

SYSTEM OF ASSESSMENT

TYPES OF ASSESSMENT AND MARKS DISTRIBUTION

Maximum Marks per Subject	100
Types of Assessment	• Internal Assessment • Year End Examination / Pre-Board Examination • School Based Assessment of Co – Scholastic Areas (Physical & Health Education, Art Education Including Work Experience)

SCHOLASTIC AREA – PART A

Term – Wise Weightage of Marks of Class XI

Subjects & Type of Assessment	First Term Exam Max. Marks	Annual Examination Max. Marks	Total Marks
Subjects involving Practical	Theory – 20 Practical – 10	Theory – 50 Practical – 20	Theory – 70 Practical – 30
Subjects involving Project/ Internal Assessment	Theory – 30 Proj./ Int. Assess. – 10	Theory – 50 Proj./ Int. Assess. – 10	Theory – 80 Proj./ Int. Assess. – 20

SYLLABUS COVERAGE

Class	Special Examination	Unit Test 1	Term 1 Examination	Unit Test 2 / Pre Board I Examination	Year End / Pre Board II Examination
XI	--	Syllabus Covered Till Announcement of Test Date	Syllabus Covered Till Month of August	Syllabus Covered Till Announcement of Test Date	Entire syllabus
XII	Syllabus Covered Till Announcement of Test Date	Syllabus Covered Till Announcement of Test Date	Syllabus Covered Till Month of August	Entire syllabus	Entire syllabus

GRADING SCALE

(Grades will be awarded as per the following Grading Scale:-)

For Scholastic Area – Part A		For Co – Curricular Activities		For Co – Scholastic Area – Part B	
Marking	Grade	S.No.	Activities	Grade	Activities
91 – 100	A1	1	Work Education (Social, Economic, Welfare Activities)	A	Exemplary
81 – 90	A2	2	Art Education (Visual & Performing)	B	Proficient
71 – 80	B1	3	Physical & Health Education	C	Developing
61 – 70	B2			D	Emerging
51 – 60	C1			E	Beginner
41 – 50	C2				
33 – 40	D				
32 & Below	E (Failed)				

SCHEDULE OF EXAMINATION

SPECIAL EXAMINATION		
DATE & DAY	X	XII
24 June 2025, Tuesday	S.Science	Maths / IP
25 June 2025, Wednesday	English	Physical Edu.
26 June 2025, Thursday	Science	Bio. / CS / Eco.
27 June 2025, Friday	Hindi	English
28 June 2025, Saturday	Computer	Chem. /B.St. / Pol. Sci.
30 June 2025, Monday	Maths	Phy. / Accts. / Hindi

PRE – MID / PERIODIC 1 / U.T 1							
DATE & DAY	VI	VII	VIII	IX	X	XI	XII
21 July 2025, Monday	S.Science	Science	Maths	S.Science	Maths	Chem. /B.St. / Pol.Sci.	Bio. / CS / Eco.
22 July 2025, Tuesday	Hindi	English	Sanskrit	Hindi	English	Physical Edu.	English
23 July 2025, Wednesday	Science	Sanskrit	Hindi	Science	Computer	Phy. / Accts. / Hindi	Chem. / B.St. / Pol.Sci.
24 July 2025, Thursday	English	Maths	S.Science	English	Science	English	Physical Edu.
25 July 2025, Friday	Sanskrit	Hindi	English	Computer	Hindi	Bio. / CS / Eco.	Maths / IP
28 July 2025, Monday	Maths	S.Science	Science	Maths	S.Science	Maths / IP	Phy. / Accts. / Hindi

MID – TERM / 1st TERMINAL EXAMINATION

DATE & DAY	VI	VII	VIII	IX	X	XI	XII
10 September 2025 Wednesday	Computer	G.K/Moral Science	Art	-	-	-	-
11 September 2025 Thursday	G.K/Moral Science	Art	Computer	-	-	-	-
12 September 2025 Friday	Art	Computer	G.K/Moral Science	-	-	-	-
18 September 2025 Thursday	S.Science	Science	Maths	S.Science	Maths	Chem. /B.St. / Pol. Sci.	Bio. / CS / Eco.
20 September 2025 Saturday	Hindi	English	Sanskrit	English	Computer	Physical Edu.	English
23 September 2025 Tuesday	Sanskrit	Hindi	English	Computer	English	Maths / IP	Phy. / Accts. / Hindi
25 September 2025 Thursday	English	Sanskrit	Hindi	Hindi	Science	English	Physical Edu.
27 September 2025 Saturday	Maths	S.Science	Science	Science	Hindi	Bio. / CS / Eco.	Chem. / B.St. / Pol.Sci.
03 October 2025 Friday	Science	Maths	S.Science	Maths	S.Science	Phy. / Accts. / Hindi	Maths / IP

POST – MID / PERIODIC 2 / U.T 2					
DATE & DAY	VI	VII	VIII	IX	XI
17 November 2025, Monday	S.Science	Science	Maths	Science	Chem. / B.St. / Pol.Sci.
18 November 2025, Tuesday	Hindi	English	Sanskrit	English	Bio. / CS / Eco.
19 November 2025, Wednesday	Sanskrit	Hindi	English	S.Science	Physical Edu.
20 November 2025, Thursday	English	Sanskrit	Hindi	Hindi	Maths / IP
21 November 2025, Friday	Science	Maths	S.Science	Computer	English
24 November 2025, Monday	Maths	S.Science	Science	Maths	Phy. / Accts. / Hindi

FIRST PRE - BOARD			SECOND PRE - BOARD		
DATE & DAY	X	XII	DATE & DAY	X	XII
17 November 2025, Monday	S.Science	Maths / IP	05 January 2026, Monday	S.Science	Maths / IP
19 November 2025, Wednesday	English	Physical Edu.	06 January 2026, Tuesday	Computer	English
21 November 2025, Friday	Computer	Chem. /B.St. / Pol.Sci.	07 January 2026, Wednesday	English	Physical Edu.
24 November 2025, Monday	Maths	Phy. / Accts. / Hindi	08 January 2026, Thursday	Hindi	Chem. / B.St. / Pol.Sci.
26 November 2025, Wednesday	Science	Bio. / CS / Eco.	09 January 2026, Friday	Science	Bio. / CS / Eco.
28 November 2025, Friday	Hindi	English	12 January 2026, Monday	Maths	Phy. / Accts. / Hindi

ANNUAL EXAMINATION			
DATE	VI	VII	VIII
23 February 2026, Monday	G.K/Moral Science	Art	Computer
24 February 2026, Tuesday	Art	Computer	G.K/Moral Science
25 February 2026, Wednesday	Computer	G.K/Moral Science	Art
28 February 2026, Saturday	Maths	S.Science	Science
03 March 2026, Tuesday	English	Hindi	Maths
06 March 2026, Friday	Sanskrit	English	Hindi
09 March 2026, Monday	Science	Maths	S.Science
11 March 2026, Wednesday	Hindi	Sanskrit	English
13 March 2026, Friday	S.Science	Science	Sanskrit
ANNUAL EXAMINATION			
DATE	IX	XI	
16 February 2026, Monday	S.Science	Maths / IP	
18 February 2026, Wednesday	Computer	Physical Education	
20 February 2026, Friday	Science	Bio. / CS / Eco.	
23 February 2026, Monday	Maths	Phy. / Accts. / Hindi	
25 February 2026, Wednesday	Hindi	English	
27 February 2026, Friday	English	Chem. / B.St. / Pol.Sci.	

PTM SCHEDULE

MONTH	CLASS
May 2025	Class VI – XII
July 2025	Class XI & XII (Open House Meet)
August 2025	Class VI – XII
October 2025	Class VI – XII
December 2025	Class VI – XII
February 2026	Class VI – XII
March 2026	Class VI – XII

EXAMINATIONS

EXAMINATION	CLASSES	DATES
Special Examination	X & XII	24 June 2025 – 30 June 2025
Pre – Mid Term	VI – XII	21 July 2025 – 28 July 2025
Mid – Term	VI – XII	10 Sep 2025 – 03 Oct 2025
Post – Mid Term	VI – IX & XI	17 Nov 2025 – 24 Nov 2025
Annual Examination	VI – VIII	23 Feb 2026 – 13 March 2026
	IX & XI	16 Feb 2026 – 27 Feb 2026
Pre – Board Exams I	X, XII	17 Nov 2025 – 28 Nov 2025
Pre – Board Exams II	X, XII	05 Jan 2026 – 12 Jan 2026

TENTATIVE DATES FOR OLYMPIAD

SNo	Olympiad	First Date	Second Date	Last Date of Registration
1	Quest Colouring Olympiad	15-07-2025	21-07-2025	04-07-2025
2	16 th International Commerce Olympiad	14-11-2025	-	09-10-2025
3	International Hindi Olympiad	04-08-2025	-	21-07-2025

SOF WORLD OLYMPIADS

The schedule of examination is as under:

Olympiad	Date
SOF – IGKO	08-10-2025
SOF – IEO	11-11-2025
SOF – IMO	12-12-2025
SOF – NSO	27-11-2025
SOF – ISSO	20-11-2025
SOF – ICSO	22-01-2026

REMEDIAL CLASSES SCHEDULE

(TIMINGS 2:00 PM – 3:00 PM)

Days	Class VI-VIII	Class IX-X	Class XI-XII
Monday	English	Maths	Phy. / Accts. / Hindi
Tuesday	Hindi	Social Science	Chem. / B.St. / Pol. Sci.
Wednesday	Maths	English	Bio. / CS / Eco.
Thursday	Science	Hindi	Maths / IP
Friday	Social Science	Science	English

RECOMMENDED BOOKS FOR READING

CLASS	BOOKS
VI	Oliver Twist – Charles Dickens India Fascinating & Fun Facts – Vaijayanti Savant Tonpe India in Space – Ashish Verma A Tale of Two Rabbits – Rajan Sundram Mohan
VII	Great Expectations – Charles Dickens Kidnapped – Robert Louis Stevenson Growing up with Trees – Ruskin Bond Stories from Bapu's Life – Shankar Uma Joshi
VIII	Lost in Snow – Holly Webb The Bird with Golden Wings – Sudha Murthy Birju's Problem – Sona Kanishk A Visit to Kumbhy – Anita Jain Bhatnagar
IX	Wise & Otherwise – Sudha Murthy The Great River Magic – Nandini Nayar The 13 yr Old Queen and her Destiny Inherited – Aashish Chakraborty Dear Father – Bhabendranath Saikia
X	Reignited Scientific Pathways to Brighter – A.P.J Abdul Kalam Lockdown – Tales (Bobby Ghatak) The Highway – Prashant Pathak Relativity – Elbert Einstein Rich Dad & Poor Dad – Robert T. Kyosaki
XI	Forever Friends – Charjee Bhatta Rage how Much Can a Person Hold Himself – Amrut Gaja Wada Three Days to Disaster – Deepa Aggarwal The Mistake I Never Forget – Karthick Hemabushanama
XII	Chanakya Neeti – Chanakya Sutra You Can Achieve More – Shiv Khera Life of Pi – Yann Martel What About Passion – Priya Dalvi

BULLETIN BOARD PLAN

THEME – BRILLIANTIAN VALUES: BUILDING A BETTER WORLD

Month	GOAL / THEME	CLASS	SECTION
April	Integrity: Doing the Right Thing	VI – XII	A
			B
			C
May	Curiosity: The Joy of Learning	VI – XII	A
			B
			C
July	Sustainability: Caring for Our Planet	VI – XII	A
			B
			C
August	Courage: Standing up for What's Right	VI – XII	A
			B
			C
September	Responsibility: Owning Our Actions	VI – XII	A
			B
			C
October	Respect: Embracing Differences	VI – XII	A
			B
			C
November	Kindness: Making the World Better	VI – XII	A
			B
			C
December	Peace: Spreading Harmony	VI – XII	A
			B
			C
January	Perseverance: Never Give Up	VI – XII	A
			B
			C
February	Communication: Expressing with Impact	VI – XII	A
			B
			C

ASSEMBLY PLAN

DATE	DAY	CLASS	ASSEMBLY THEME
02 April 2025	Wednesday	X	WELCOME ASSEMBLY
03 April 2025	Thursday	IX	WORLD HEALTH DAY
09 April 2025	Wednesday	XII	IMPORTANCE OF TIME MANAGEMENT
16 April 2025	Wednesday	VII	LEADERSHIP & RESPONSIBILITY
17 April 2025	Thursday	VIII	WORLD HERITAGE DAY
23 April 2025	Wednesday	IX	IMPORTANCE OF READING (WORLD BOOK DAY)
24 April 2025	Thursday	X	POWER OF POSITIVE THINKING
30 April 2025	Wednesday	XII	HEALTHY HABITS
01 May 2025	Thursday	VI	LABOUR DAY – RESPECT FOR ALL PROFESSIONS
07 May 2025	Wednesday	IX	OVERCOMING CHALLENGES
08 May 2025	Thursday	X	MOTHERS' DAY
02 July 2025	Wednesday	VI	MAKE A NOISE ABOUT BULLYING
03 July 2025	Thursday	VII	IMPORTANCE OF KINDNESS
09 July 2025	Wednesday	VIII	THE POWER OF POSITIVE THINKING
10 July 2025	Thursday	IX	GENDER EQUALITY
16 July 2025	Wednesday	X	CLEAN WATER AND SANITATION
17 July 2025	Thursday	XI	HONESTY & TRUTHFULNESS
23 July 2025	Wednesday	VI	IMPORTANCE OF TEAM WORK
24 July 2025	Thursday	VII	FRIENDSHIP & LOYALTY
30 July 2025	Wednesday	VIII	VALUE OF HONESTY
31 July 2025	Thursday	IX	DIGITAL SAFETY & MODERN TECHNOLOGY
06 August 2025	Wednesday	X	IMPORTANCE OF PATIENCE IN LIFE
07 August 2025	Thursday	XI	HEALTH AND WELLNESS
13 August 2025	Wednesday	XII	GLOBALIZATION
14 August 2025	Thursday	VI	INDEPENDENCE DAY
20 August 2025	Wednesday	VII	RESPECT FOR ELDERS
21 August 2025	Thursday	VIII	WONDERS OF SCIENCE
27 August 2025	Wednesday	IX	FORGIVENESS & GRATITUDE

28 August 2025	Thursday	X	SOCIAL RESPONSIBILITY
03 September 2025	Wednesday	XI	GOAL SETTING AND MOTIVATION
04 September 2025	Thursday	VI	TEACHERS' DAY
10 September 2025	Wednesday	VII	VALUE OF EDUCATION
11 September 2025	Thursday	VIII	POWER OF POSITIVE THINKING
08 October 2025	Wednesday	IX	CLIMATE ACTION
09 October 2025	Thursday	XI	WORLD MENTAL HEALTH DAY
15 October 2025	Wednesday	XII	BOOKS: OUR GOOD FRIENDS
16 October 2025	Thursday	VI	UNITY IN FESTIVALS
29 October 2025	Wednesday	VIII	ROLE OF TECHNOLOGY IN OUR LIVES
30 October 2025	Thursday	IX	RESPECT AND TOLERANCE
06 November 2025	Thursday	X	RULES FOR SUCCESS
12 November 2025	Wednesday	XI	CREATIVITY & INNOVATION
13 November 2025	Thursday	XII	HARDWORK & SUCCESS
19 November 2025	Wednesday	VI	GLOBAL CITIZENSHIP
20 November 2025	Thursday	VII	BEING POSITIVE
26 November 2025	Wednesday	VIII	CONSTITUTION DAY: RIGHTS & DUTIES
27 November 2025	Thursday	VIII	FACING FEAR WITH COURAGE
03 December 2025	Wednesday	X	TEAMWORK & COLLABORATION
04 December 2025	Thursday	XI	HUMAN RIGHTS AWARENESS
10 December 2025	Wednesday	XII	COMMUNICATION SKILLS
11 December 2025	Thursday	VI	RESPECT & RESPONSIBILITY
17 December 2025	Wednesday	VII	INTERNET LITERACY
18 December 2025	Thursday	VIII	SPIRIT OF GIVING
24 December 2025	Wednesday	X	VALUE OF GRATITUDE
21 January 2026	Wednesday	XI	HARDWORK IS THE BEST INVESTMENT WHICH NEVER FAILS
22 January 2026	Thursday	VI	LEADERSHIP & MOTIVATION
28 January 2026	Wednesday	VII	UNITY IN DIVERSITY
29 January 2026	Thursday	VIII	EXAM PRESSURE & WAYS TO DEAL WITH IT

ACADEMIC ACTIVITIES

CBSE Activities :

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|--|-----------------------|
| • Expression Series | April 2025 |
| • Budding Authors Programme | May – September 2025 |
| • National Reading Day | June 2025 |
| • Celebration of International Day of Yoga | June 2025 |
| • Aryabhata Ganit Challenge | July – August 2025 |
| • CBSE Reading Challenge | July – September 2025 |
| • CBSE Games Competition | July – September 2025 |
| • Heritage India Quiz | July – December 2025 |
| • Story Telling Competition | September 2025 |
| • Expression Series | October 2025 |

Science Activities

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|--------------------------|---------------------------|
| • CBSE Science Challenge | April – May 2025 |
| • Science Exhibition | September – December 2025 |
| • Nayi Udaan Magazine | Quarterly |

MVPP Exam Details (Issuance of Performa 'A')

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|-------------|---------------|
| • MVPP Exam | November 2025 |
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Date of Examinations

- | | |
|-------------|---------------|
| • MVPP Exam | February 2026 |
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Eco Club Activities :

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|---|---------------|
| • Sapling (Plantation Drive) | July 2025 |
| • Celebration of Eco week | July 2025 |
| • Nukkad Natak | August 2025 |
| • Swachh Bharat Abhiyan
(Cleanliness Drive) | October 2025 |
| • Field Visit to Important Environmental Sites | November 2025 |
| • Organization of Seminar on
Environmental Awareness | January 2026 |

Co – SCHOLASTIC ACTIVITY PLAN

Classes/ Themes	April Literary Canon	May Respecting Elders	July वसुंधरा	August जज़्बा-ए-वतन
VI – VIII	• Crossword Puzzle • Literary Run • English Poem Recitation Competition	• Poetry Recitation • Celebrating 'Wisdom' (Cards for Elders' wise advices)	• Poster Making Competition • Fancy Dress (Best Out of Waste) • Bookmark Making – Kalam's Vision	• Battle of Words (Extempore) • Patriotic Dance
IX – XII	• Crossword Puzzle • English Poetry Recitation • Talk Show	• Declamation • 'We owe you...' (Session by students for Parents/ elders)	• Plantation Drive • Just –a– minute	• Poetry Recitation • Folder designing – A tribute to Kalam
Special Days	• Shakespeare Day • ATL Community Day • Earth Week	• Labour's Day • Mother's Day • National Technology Day	• Holidays Homework Exhibition 'Prayas' • Math 2.0 Day	• Independence Day Celebration
Classes/ Themes	September Gratitude	October आनंदोत्सव	November धरोहर	December रूपदन
VI – VIII	• Grandiose Gratitude (Dance Competition) • Art Competition	• Mythological Masquerade (Ramp Show) • Instrumental Music Competition	• Cultural Food Fest • Sports Activities • Sci-Spell O Mania	• Care & Share • Battle of Expressions (Famous plays on gender equality)
IX – XII	• Grateful Letters (Thanking the well wishers) • Art Competition	• Science Exhibition • Instrumental Music Competition	• Sports Activities	• Care & Share • Visit to Cheshire home, old age home • Battle of Expressions (Famous plays on gender equality)
Special Days	• Teachers Day Celebration • हिंदी दिवस	• Diwali Celebration	• Children's Day	• Christmas Carnival
Classes/ Themes	January Rights and Duties	February Zeal & Zeal		
VI – VIII	• Debate • Quiz	• Spell Bee • Fancy Dress		
IX – XII	• Debate • Quiz	• Spell Bee • Movie Making Competition (Evolution of Indian Cultural Heritage) • Science Day'		
Special Days	• Martyr's Day	• Science Day 'Science for the People and People for Science'		

Monthly Plan

TERM I

SUBJECTS	APRIL	MAY	JULY	AUGUST
ENGLISH	Snapshots – L-1 The Summer of the Beautiful white Horse Hornbill – L-1 The Portrait of a Lady Writing – Notice Writing Reading – Unseen Passage	Snapshots – L-2 The Address Poetry – P-1 A Photograph P-3 The Voice of Rain Reading – Note Making	Hornbill – L-2 “We are Not Afraid to Die..... L-3 Discovering Tut: The saga Continues Writing – Poster	Snapshots – L-5 Mother’s Day Poetry – P-2 The Laburnum Top Writing – Debate writing
PHYSICS	Ch-1 Units and measurement	Ch-2 Motion in a straight line Ch-3 Motion in a plane	Ch-4 Motion in a plane (Contd.) Ch-5 Laws of motion Practical: 1. To measure diameter of a small spherical/ cylindrical body and to measure internal diameter & depth of a given beaker/ calorimeter using Vernier callipers and hence find its volume. 2. To measure diameter of a given wire and thickness of a given sheet using screw gauge. 3. To determine radius of curvature of a given spherical surface by a spherometer. 4. To determine the mass of two different objects using a beam balance. Activity: 1. To make a paper scale of given least count eg. 0.2cm, 0.5cm	Ch-6 Work, energy & Power Ch-8 Gravitation
CHEMISTRY	Ch-1 Some basic concepts of chemistry Practical – A. Basic Laboratory Techniques	Ch- 2 Structure of Atom (Contd.) Practical – B .Characterization and Purification of Chemical Substances	Ch- 2 Structure of Atom (Contd.) Ch-3 Periodic Classification CH- 4 Chemical Bonding	Ch-4 Chemical Bonding (Contd.) Ch- 8 Redox Reactions

	1. Cutting glass tube and glass rod 2. Bending a glass tube 3. Drawing out a glass jet 4. Boring a cork	1. Determination of melting point of an organic compound. 2. Determination of boiling point of an organic compound. 3. Crystallization of impure sample of any one of the following: Alum, Copper Sulphate, Benzoic Acid. INVESTIGATORY PROJECTS Scientific investigations involving laboratory testing and collecting information from other Sources. A few suggested Projects Checking the bacterial contamination in drinking water by testing sulphide ion Study of the methods of purification of water Testing the hardness, presence of Iron, Fluoride, Chloride, etc., depending upon the Regional variation in drinking water and study of causes of presence of these ions Above permissible limit (if any). Investigation of the foaming capacity of different washing soaps and the effect of Addition of Sodium carbonate on it Study the acidity of different samples of tea leaves. Determination of the rate of evaporation of different liquids. Study the effect of acids and bases on the tensile strength of fibers. Study of acidity of fruit and vegetable juices. Note: Any other investigatory project, which involves about 10 periods of work, can be Chosen with the approval of the teacher.	Practical – C. Experiments based on pH 1. Any one of the following experiments: •Determination of pH of some solutions obtained from fruit juices, solution of known and varied concentrations of acids, bases and salts using pH paper or universal indicator. 2. Comparing the pH of solutions of strong and weak acids of same Concentration. Study the pH change in the titration of a strong base	Practical – E. Quantitative Estimation 1. Using a mechanical balance/electronic balance. 2. Preparation of standard solution of Oxalic acid. 3. Determination of strength of a given solution of Sodium hydroxide by titrating it against standard solution of Oxalic acid. 4. Preparation of standard solution of Sodium carbonate. 5. Determination of strength of a given solution of hydrochloric acid by titrating it against standard Sodium Carbonate solution
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BIOLOGY	Ch-8 Cell Structure & Its Functions Ch-10 Cell Cycle Practical: 1. To study compound microscope 2. To study Mitosis	Ch-1 The living world	Ch-2 Biological classification Ch-3 The plant kingdom Spotting Practical: 1. Bacteria, oscillatoria Spirogyra Rhizopus Mushroom Yeast Liverwort Moss Fern Pine 2. Features of amoeba, Hydra Liverfluke Ascaris leech shark Rohu Frog lizard pigeon and Rabbit 3. Different types of inflorescence	Ch-4 The animal Kingdom Ch-5 Morphology of Flowering Plant Ch-9 Biomolecules Practical: 1. Study of osmosis 2. Study of plasmolysis 3. Study of animal tissues 4. Study and Describe locally available common flowering plants
MATHEMATICS	Ch-1 Sets Ch-3 Trigonometry	Ch-5 Complex number	Ch-2 Relation & function Ch-6 Linear inequalities	Ch-12 Three dimensional coordinate geometry
ACCOUNTANCY	Ch-1 Introduction to Accounting Ch-2 Basic Accounting Terms Ch-3 Theory Base of Accounting, AS & IFRS Ch-4 Basis of Accounting Ch-5 Accounting Equation	Ch-6 Accounting Procedures – Rules of Debit & Credit Ch-7 Origin of Transactions – Source Documents & Preparations of Vouchers	Ch-8 Journal Ch-9 Ledger Ch-10 Special purpose Book 1 - Cash Book	Ch-11 Special purpose Book 2 – Other Books Ch-12 Accounting for GST Ch-13 Bank Reconciliation Statement Ch-14 Trial Balance
ECONOMICS	Statistics for Economics Ch-1 Introduction to Statistics Ch-2 Collection of Data Ch-3 Census & Sample Method Ch-4 Organization of Data Ch-5 Presentation of Data	Statistics for Economics Ch-6 Diagrammatic Presentation of Data	Statistics for Economics Ch-1 Introduction to Statistics Ch-2 Collection of Data Micro Economics Ch-3 Demand Ch-4 Elasticity of Demand	Micro Economics Ch-5 Production Function Ch-6 Cost Statistics for Economics Ch-7 Frequency Diagrams Ch-8 Arithmetic Line Graphs Ch-9 Arithmetic Mean Measures of Dispersion
BUSINESS STUDIES	Unit 1 – Nature and purpose of business	Unit2- Forms of business organizations	Unit 3- Public, private and global enterprises Unit 4- Business services	Unit 5- Emerging modes of business

POLITICAL SCIENCE	Ch Constitution Ch Political Theory – An Introduction Ch Election & Representation	Ch Liberty Ch Equality Ch Justice	Ch The Legislature Ch Nationalism	Ch Executive Ch Federalism
HINDI	<u>अंतरा – काव्य –</u> पाठ 1 कबीरदास साहित्यिक परिचय (क) अरे इन दोहुन राह न पाई (ख) बालम आवो हमारे गेह रे पाठ 2 सूरदास साहित्यिक परिचय (क) खेलन में को काको गुसैया (ख) मुरली तऊ गुपालहिं भावति <u>अंतरा – गद्य –</u> पाठ 1 प्रेमचन्द साहित्यिक परिचय ईदगाह पाठ 2 अमरकांत साहित्यिक परिचय दोपहर का भोजन <u>निबंध –</u> समसामयिक विषय पत्र के प्रकार – औपचारिक तथा अनौपचारिक अपठित गद्यांश एवं अपठित पद्यांश	<u>अंतरा – काव्य –</u> पाठ 3 देव साहित्यिक परिचय 1. हँसी की चोट 2. सपना 3. दरबार <u>अंतरा – गद्य –</u> पाठ 3 हरिशंकर परसाई साहित्यिक परिचय टॉच बेचने वाले पाठ 4 रांगेय राघव – साहित्यिक परिचय ‘गूंगे’ <u>निबंध –</u> भारत विषयक निबंध पत्र – रोजगार संबंधी आवेदन पत्र <u>अभिव्यक्ति और माध्यम</u> इकाई – 1 जनसंचार माध्यम और लेखन – जनसंचार माध्यम	<u>अंतरा – गद्य –</u> पाठ 5 सुधा अरोड़ा (साहित्यिक परिचय) ज्योतिबा फुले <u>निबंध –</u> भारतीय संस्कृति पर्व से संबंधित पत्र – संपादक के नाम (विविध विषय) अपठित गद्यांश, अपठित पद्यांश <u>अभिव्यक्ति और माध्यम</u> इकाई – 1 जनसंचार माध्यम और लेखन – पत्रकारिता के विविध आयाम <u>मौखिक परीक्षण</u> (श्रवण तथा वाचन कौशल) श्रवण – वर्णित या पठित सामग्री को सुनकर अर्थ ग्रहण करना, वार्तालाप करना, वाद विवाद, भाषण, कविता - पाठ आदि को सुनकर समझना, मूल्यांकन करना।	पुनरावृत्ति
PHYSICAL EDUCATION	Ch-1 Changing trends and career in physical education Ch-2 Olympic value education	Ch-5 Physical fitness, wellness & lifestyle	Ch-4 Physical Education & Sports for CWSN (Children with special needs - Divyang)	Ch-5 Yoga
INFORMATICS PRACTICES	Ch-2 Getting Started With Python Ch-3 Python Fundamentals	Ch-4 Data Handling	Ch-1 Basic Computer Organization Ch-5 Conditional & Iterative Statements	Ch-8 Database Concepts Ch-9 Simple Queries in SQL
COMPUTER SCIENCE	Ch-1 Getting Started With Python Ch-2 Python Fundamentals	Ch-3 Data Handling Ch-12 Computer System Overview	Ch-4 Conditional & Iterative Statements Ch-5 String Manipulation	Ch-7 List Manipulation Ch-9 Dictionaries

September – Revision and First Terminal Examination

TERM – II

SUBJECTS	OCTOBER	NOVEMBER	DECEMBER	JANUARY
ENGLISH	Poetry P-4 Childhood Grammar Clauses Re-ordering of Sentences Writing Advertisements	Snapshots L-7 Birth Hornbill L-7 The Adventure Poetry P-5 Father to Son Grammar Tenses	Snapshots L-8 The Tale of Melon City Hornbill L-8 Silk Road Writing Speech Writing	<u>REVISION</u>
PHYSICS	Ch-7 System of particles & rotational motion Ch-9 Mechanical properties of solids <u>Practical:</u> 1. To find the weight of a given body using parallelogram law of vectors. 2. Using a simple pendulum, plot its $L-T^2$ graph and use it to find the effective length of second's pendulum. 3. To study variation of time period of a simple pendulum of a given length by taking bobs of same size but different masses and interpret the result. <u>Activity:</u> 1. To determine mass of a given body using a metre scale by principle of moments.	Ch-10 Mechanical properties of fluids Ch-11 Thermal properties of matter <u>Practical:</u> 1. To study the relationship between force of limiting friction and normal reaction and to find the co-efficient of friction between a block and a horizontal surface. <u>Activity:</u> 1. To plot a graph for a given set of data, with proper choice of scales & error bars.	Ch-12 Thermodynamics Ch-13 Kinetic theory	Ch-14 Oscillations Ch-15 Waves
CHEMISTRY	Ch-12 Organic Chemistry <u>Practical:</u> 1. Study the shift in equilibrium between	Ch- 7 Thermodynamics Ch-13 Hydrocarbon (Contd.) <u>Practical:</u>	Ch- 7 Equilibrium+ Practice Revision Starts <u>Practical:</u>	<u>REVISION</u>

	ferric ions and thiocyanate ions by increasing/decreasing the concentration of either of the ions. 2. Study the shift in equilibrium between $[\text{Co}(\text{H}_2\text{O})_6]^{2+}$ and chloride ions by changing the concentration of either of the ions	Qualitative Analysis 1. Determination of one anion and one cation in a given salt Cation: Pb^{2+}, Cu^{2+}, As^{3+}, Al^{3+}, Fe^{3+}, Mn^{2+}, Zn^{2+}, Ni^{2+}, Ca^{2+}, Sr^{2+}, Ba^{2+}, Mg^{2+}, NH_4^{+} Anions: $(\text{CO}_3)^{2-}$, S^{2-}, $(\text{SO}_3)^{2-}$, (NO_2), $(\text{SO}_4)^{2-}$, Cl^-, Br^-, I^-, $(\text{PO}_4)^{3-}$, $(\text{C}_2\text{O}_4)^{2-}$, CH_3COO^-, NO_3 (Note: Insoluble salts excluded)	1. Detection of - Nitrogen, Sulphur, Chlorine in organic compounds	
BIOLOGY	Ch-6 Anatomy of flowering plants Ch-7 Structural organization in Animal Ch-11 Photosynthesis in higher plants Practical: 1. Preparation & Study of TS of Monocot & Dicot stem & root 2. Study of plasmolysis in epidermal peels 3. Study of distribution of stomata on upper and lower surface of leaf 4. Paper chromatography 5. Study of Mitosis	Ch-12 Respiration in Plants Ch-13 Plant growth & development Ch-14 Breathing & exchange of gases Practical 1. Test for presence of sugar starch protein and fats 2. Study of specimens & identification with reasons 3. Test for presence of urea in urine 4. Test of presence of sugar in urine 5. Test of presence of albumin in urine 6. Test of presence of Bile salts in urine	Ch-5 Body Fluids and Circulation Ch-16 Excretory products and their elimination Ch-17 Locomotion & Movement Ch-18 Neural control & coordination Ch-19 Chemical Control & Coordination	REVISION
MATHEMATICS	Ch-7 Permutation & combination Ch-9 Sequence & Series	Ch-10 Straight line Ch-11 Conic section	Ch-13 Limits & derivative	Ch- 15 Statistics Ch-16 Probability
ACCOUNTANCY	Ch-15 Depreciation	Ch-16 Provision & Reserves Ch-17 Rectification of errors	Ch-18 Financial statement of sole proprietorship Ch-19 Adjustments in preparation of financial statements Ch-20 Accounts for Incomplete Records Single Entry System	REVISION

ECONOMICS	Micro Economics Ch-7 Revenue Ch-8 Producer Equilibrium Ch-9 Supply Statistics for Economics Ch-10 Median & Mode	Micro Economics Ch-10 Main Market Forms Ch-11 Price Determination Statistics for Economics Ch-11 Measures of Dispersion	Statistics for Economics Ch-12 Correlation Ch-13 Index Numbers	<u>REVISION</u>
BUSINESS STUDIES	Unit 6- Social responsibility of business and business ethics Unit 7- Sources of business finance	Unit 8- Small business Unit 9- Internal trade	Unit 10- International Trade	<u>REVISION</u>
POLITICAL SCIENCE	Ch Rights Ch Citizenship	Ch Judiciary Ch Local Government	Ch Secularism	<u>REVISION</u>
HINDI	अंतरा - काव्य - पाठ 4 सुमित्रानंदन पंत साहित्यिक परिचय संध्या के बाद अंतरा - गद्य - पाठ-6 ओमप्रकाश वाल्मीकि साहित्यिक परिचय खानाबदोश निबंध - आधुनिक विषयों से संबंधित। विद्यार्थी और युवा पीढ़ी से संबंधित साहित्य एवं समाज से संबंधित लोकोक्तियों पर आधारित पत्र - औपचारिक पत्र (विविध विषय) अपठित गद्यांश, अपठित पद्यांश परियोजना कार्य	अंतरा - काव्य - पाठ-5 महादेवी वर्मा साहित्यिक परिचय क) जाग तुझको दूर जाना सृजनात्मक लेखन 1. डायरी लेखन की कला 2. कथा - पटकथा निबंध - नारी संबंधी विज्ञान संबंधी परियोजना कार्य	अंतरा - काव्य - नागार्जुन - साहित्यिक परिचय पाठ-6 बादल को घिरते देखा है अंतरा - गद्य - पाठ-7 पांडेय बेचन शर्मा 'उग्र' साहित्यिक परिचय उसकी माँ पाठ-8 भारतेन्दु हरिश्चन्द्र - साहित्यिक परिचय भारतवर्ष की उन्नति कैसे हो सकती है ? अंतराल पाठ-1 मकबूल फिदा हुसैन हुसैन की कहानी अपनी ज़बानी निबंध - समस्या प्रधान व्यावहारिक लेखन कार्यालयी लेखन और प्रक्रिया	अंतरा - काव्य - पाठ-7 श्रीकान्त वर्मा साहित्यिक परिचय हस्तक्षेप पाठ-8 धूमिल - साहित्यिक परिचय घर में वापसी अंतराल - पाठ-2 विष्णु प्रभाकर.. आवारा मसीहा निबंध - लोकोक्तियों पर आधारित , अपठित गद्यांश, अपठित पद्यांश अभिव्यक्ति और माध्यम इकाई - 3. व्यावहारिक लेखन स्ववृत्त लेखन और रोजगार संबंधी आवेदन पत्र मौखिक परीक्षण (श्रवण तथा वाचन कौशल) श्रवण - वर्णित या पठित सामग्री को सुनकर अर्थ ग्रहण करना, वार्तालाप करना, वाद विवाद, भाषण, कविता - पाठ आदि को सुनकर समझना, मूल्यांकन करना।
PHYSICAL EDUCATION	Ch-6 Test, measurement & evaluation	Ch-8 Fundamentals of anatomy, physiology & kinesiology in sports Ch-9 Psychology and sports	Ch-10 Training & doping in sports	<u>REVISION</u>

INFORMATICS PRACTICES	Ch-6 List & String Manipulation Ch-7 Dictionaries	Ch-9 Table creation & Data manipulation commands Ch-10 Emerging Trends	Revision	<u>REVISION</u>
COMPUTER SCIENCE	Ch-21 Cyber Safety	Ch-8 Tuples Ch-13 Data Representation	Ch-14 Understanding Sorting	Ch-22 Online Access and Computer Security

February & March – Revision and Annual Examination

ACTIVITY PLAN

Date & Month	Activities
10 May 2025	Earth Day/ Mother's Day Celebration
04 July 2025	Polling Day
07 –11 July 2025	Ecology Week (VI – XII)
11 July 2025	Oath Taking Ceremony
18 July 2025	Maths & Science Quiz (IX –XII)
14 August 2025	Independence Day Celebration
21 August 2025	Shark Tank BCS (Commerce Department – Class XI & XII)
04 September 2025	Teacher's Day Celebration
04 or 06 October 2025	Summer Picnic (VI – XII)
17 October 2025	Diwali Celebration (Rangoli Competition, Class Decoration Competition etc.)
04 November 2025	Special Assembly (Guru Parv)
11 – 12 November 2025	Health Care Checkup
13 – 14 November 2025	Inter-School Sports Competition
25 December 2025	Winter Carnival
23 January 2026	Republic Day Celebration
31 January 2026	Farewell Party (Class XII)
06 or 07 February 2026	Winter Picnic (VI – VIII)