

BRILLIANTS' CONVENT

SENIOR SECONDARY SCHOOL

RECOGNISED & AFFILIATED TO C.B.S.E.

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**HANDBOOK FOR STUDENTS
2023 – 24**

CLASS XII

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 constructing, 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 and 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 up to our motto of “Learn to Serve” Serve for humanity.

INDEX

Sr. No.	Details	Page No.
1	List of Holidays	04
2	System of Assessment, Syllabus Coverage & Grading Scale	05
3	Schedule of Examination	06 – 09
4	PTM + Examinations + Olympiad + Remedial Classes Schedule	10
5	Recommended Books for Reading	11
6	Bulletin Board Planner	12
7	Assembly Planner	13 – 15
8	Academic Activities	16
9	Co – Scholastic Activity Planner	17
10	Monthly Planner	18 – 23
11	Activity Planner	24

LIST OF HOLIDAYS (2023 - 2024)

Date & Month	Day	Occasion / Festival
04 April 2023	Tuesday	Mahavir Jayanti
07 April 2023	Friday	Good Friday
14 April 2023	Friday	Ambedkar Jayanti
22 April 2023	Saturday	Eid-ul-Fitr*
05 May 2023	Friday	Budh Purnima
29 June 2023	Thursday	Eid-ul-Juha*
29 July 2023	Thursday	Muharram
15 August 2023	Tuesday	Independence Day
30 August 2023	Wednesday	Raksha Bandhan
07 September 2023	Thursday	Janmashtami
28 September 2023	Thursday	Eid-e-Milad*
02 October 2023	Monday	Gandhi Jayanti
23 – 24 October 2023	Monday – Tuesday	Dussehra Holidays
28 October 2023	Saturday	Valmiki Jayanti
01 November 2023	Wednesday	Karva Chauth
12 November 2023	Sunday	Deepavali
14 November 2023	Tuesday	Goverdhan Puja
15 November 2023	Wednesday	Bhai Dooj
19 November 2023	Sunday	Chhath Puja
27 November 2023	Monday	Guru Nanak Jayanti
25 December 2023	Monday	Christmas
14 January 2024	Sunday	Makar Sankranti
26 January 2024	Friday	Republic Day
24 February 2024	Saturday	Ravidas Jayanti
08 March 2024	Friday	Maha Shivratri
25 March 2024	Monday	Holi

* Subject to appearance of the moon

SUMMER BREAK	
Students	15 May 2023 – 30 June 2023
Reopening of School	03 July 2023
Teachers	31 May 2023 – 24 June 2023
Re - Joining	26 June 2023
WINTER BREAK	
Students	30 December 2023 – 12 January 2024
Reopening of School	15 January 2024
Teachers	30 December 2023 – 06 January 2024
Re - Joining	08 January 2024

Assessment System For Classes XI & XII
Academic Year (2023 – 24)

Types of Assessment and Marks Distribution

Maximum Marks per Subject	100
Types of Assessment	<ul style="list-style-type: none"> • 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 (2023 - 2024)

SPECIAL EXAMINATION		
DATE & DAY	X	XII
26 June 2023, Monday	S.Science	Maths / IP
27 June 2023, Tuesday	English	Physical Education
29 June 2023, Thursday	Maths	Physics/ Accts./ Hindi
30 June 2023, Friday	Hindi	English
01 July 2023, Saturday	Computer	Chemistry/B.St./ Pol. Sci.
03 July 2023, Monday	Science	Biology/ CS/ Economics

PRE – MID / PERIODIC 1 / U.T 1							
DATE & DAY	VI	VII	VIII	IX	X	XI	XII
31 July 2023, Monday	English	Science	Maths	S.Science	Maths	Chem./B.St./ Pol.Sci.	Bio./CS/ Eco.
01 Aug 2023, Tuesday	Hindi	English	English	Hindi	English	Physical Edu.	English
02 Aug 2023, Wednesday	S.Science	Maths	S.Science	Science	Computer	Phy./Accts./Hindi	Chem./B.St./ Pol.Sci.
03 Aug 2023, Thursday	Sanskrit	Sanskrit	Hindi	English	Science	Bio./CS/ Eco.	Physical Edu.
04 Aug 2023, Friday	Science	Hindi	Sanskrit	Computer	Hindi	English	Maths/ IP
05 Aug 2023, Saturday	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
11 Sep 2023, Monday	Computer	G.K/Moral Science	Art / French	-	-	-	-
12 Sep 2023, Tuesday	G.K/Moral Science	Art / French	Computer	-	-	-	-
13 Sep 2023, Wednesday	Art / French	Computer	G.K/Moral Science	-	-	-	-
16 Sep 2023, Saturday	S.Science	Science	Maths	S.Science	Maths	Chem./B.St./ Pol.Sci.	Bio./CS/ Eco.
18 Sep 2023, Monday	Hindi	English	Sanskrit	English	Computer	Physical Edu.	English
20 Sep 2023, Wednesday	Sanskrit	Hindi	English	Computer	English	Maths/ IP	Phy./Accts./ Hindi
22 Sep 2023, Friday	Science	Sanskrit	Hindi	Hindi	Science	English	Physical Edu.
25 Sep 2023, Monday	Maths	S.Science	Science	Maths	S.Science	Phy./Accts./ Hindi	Maths/ IP
27 Sep 2023, Wednesday	English	Maths	S.Science	Science	Hindi	Bio./CS/ Eco.	Chem./B.St./ Pol.Sci.

POST – MID / PERIODIC 2 / U.T 2					
DATE & DAY	VI	VII	VIII	IX	XI
17 Nov 2023, Friday	S.Science	Science	Maths	Science	Chem./B.St./ Pol.Sci.
20 Nov 2023, Monday	Maths	S.Science	Science	S.Science	Bio./CS/ Eco.
21 Nov 2023, Tuesday	Hindi	English	Sanskrit	English	Physical Edu.
22 Nov 2023, Wednesday	English	Sanskrit	Hindi	Hindi	Maths/ IP
23 Nov 2023, Thursday	Science	Maths	S.Science	Maths	English
24 Nov 2023, Friday	Sanskrit	Hindi	English	Computer	Phy./Accts./ Hindi

FIRST PRE - BOARD			SECOND PRE - BOARD		
DATE & DAY	X	XII	DATE & DAY	X	XII
18 Nov 2023, Saturday	S.Science	Maths/ IP	08 Jan 2024, Monday	Science	Maths / IP
20 Nov 2023, Monday	English	Physical Edu.	10 Jan 2024, Wednesday	Computer	English
22 Nov 2023, Wednesday	Computer	Chem./B.St./ Pol.Sci.	12 Jan 2024, Friday	English	Physical Edu.
24 Nov 2023, Friday	Science	Bio./CS/ Eco.	15 Jan 2024, Monday	Maths	Phy./Accts./ Hindi
28 Nov 2023, Tuesday	Maths	Phy./Accts./ Hindi	17 Jan 2024, Wednesday	S.Science	Bio./CS/ Eco.
30 Nov 2023, Thursday	Hindi	English	19 Jan 2024, Friday	Hindi	Chem./B.St./ Pol.Sci.

ANNUAL EXAMINATION (CLASS VI – VIII)			
DATE	VI	VII	VIII
27 Feb 2024 , Tuesday	G.K. / Moral Sc.	Art / French	Computer
28 Feb 2024 , Wednesday	Art / French	Computer	G.K. / Moral Sc.
29 Feb 2024 , Thursday	Computer	G.K. / Moral Sc.	Art / French
04 March 2024 , Monday	Maths	S.Science	Science
06 March 2024 , Wednesday	English	Hindi	Sanskrit
08 March 2024 , Friday	Sanskrit	English	Hindi
11 March 2024 , Monday	Science	Maths	S.Science
13 March 2024 , Wednesday	Hindi	Sanskrit	English
15 March 2024 , Friday	S.Science	Science	Maths
ANNUAL EXAMINATION (CLASS IX & XI)			
DATE	IX	XI	
19 Feb 2024 , Monday	S.Science	Maths / IP	
21 Feb 2024 , Wednesday	Computer	Physical Education	
23 Feb 2024 , Friday	Science	Biology / Comp. Science / Economics	
26 Feb 2024 , Monday	Maths	Physics / Accts. / Hindi	
28 Feb 2024 , Wednesday	Hindi	English	
1 March 2024 , Friday	English	Chemistry / B.St. / Pol. Sci.	

PTM SCHEDULE (2023 - 24)

DATE	CLASS
May 2023	Class VI – XII
July 2023	Class XI & XII (Open House Meet)
August 2023	Class VI – XII
October 2023	Class VI – XII
December 2023	Class VI – XII
February 2024	Class VI – XII

EXAMINATION SCHEDULE

EXAMINATION	CLASSES	DATES
Special Examination	X & XII	26 June 2023 – 03 July 2023
Pre – Mid Term	VI – XII	31 July 2022 – 05 Aug 2023
Mid – Term/ First – Term	VI – XII	11 Sep 2022 – 27 Sep 2023
Post Mid – Term	VI – IX & XI	17 Nov 2023 – 24 Nov 2023
Final Term	VI – VIII	27 Feb 2024 – 15 Mar 2024
	IX & XI	19 Feb 2024 – 01 Mar 2024
First Pre – Board Exam	X & XII	18 Nov 2023 – 30 Nov 2023
Second Pre – Board Exam	X & XII	08 Jan 2024 – 19 Jan 2024

Tentative Dates For Olympiad (2023 - 24)

SNo	Olympiad	First Date	Second Date	Last Date of Registration
1	Quest Colouring Olympiad	14-07-2023	24-07-2023	30-05-2023
2	International Handwriting Olympiad	28-07-2023	-	18-07-2023
3	International Hindi Olympiad	25-10-2023	-	-
4	10 th International Commerce Olympiad	17-11-2023	-	09-10-2023
5	International Reasoning & Aptitude Olympiad	05-12-2023	25-01-2024	01-08-2023

SOF World Olympiads

The schedule of exams for 2023 - 24 is as under:

Olympiad	Date
SOF – IGKO	13-10-2023
SOF – IEO	03-11-2023
SOF – NCO	21-11-2023
SOF – IMO	13-12-2023
SOF – NSO	01-12-2023
SOF – ISSO	22-01-2024

REMEDIAL CLASSES SCHEDULE VI-XII

(TIMINGS 2:00 PM – 3:00 PM)

Days	Class VI-VIII	Class IX-X	Class XI-XII
Monday	English	Maths	Physics/Accts./ Hindi
Tuesday	Hindi	S.Science	Chemistry /B.St./ Pol. Sci.
Wednesday	Maths	English	Economics/Biology/ CS
Thursday	Science	Hindi	Maths/IP
Friday	S.Science	Science	English

RECOMMENDED BOOKS FOR READING (2023 – 24)

CLASS	BOOKS
VI	The Adventure of Huckleberry Finn – Mark Twain A Bond with Mountains – Ruskin Bond The Magic School Bus Rides Again Sink & Swim – Judy Katschke Mr Gum & The Biscuit Billionaire – Andy Stanton
VII	Great Expectations – Charles Dickens Ways to Live Forever – Sally Nicholls Kidnapped – Robert Louis Stevenson Coral Island – R. M. Ballantyre
VIII	Little Women – Louisa M. Alcot Lost in Snow – Holly Webb Pride & Prejudice – Jane Austen
IX	Under the Moon – Rowena Akinyemi Bond with Nature – Ruskin Bond Magic of the Lost Temple – Sudha Murthy The Great River Magic – Nandini Nayar
X	The Mummy Case – Franklin W. Dixon Twelfth Night – William Shakespeare Ten – Shammi Flint Complete Ghost Stories – Charles Dickens Beating Depression – Foye Zucker
XI	Three Days To Disaster – Deepa Aggarwal The Guide – R.K. Narayan The Elephant Theft – Jane Kerr Brave Like My Mother – Marc Tyler Nobleman
XII	Godon – Premchand Chanakya Neeti – Chanakya Sutra Let Him Not Sink (First Step to Mental Health) – Samir Parikh Making India Awesome – Chetan Bhagat

BULLETIN BOARD PLANNER (2023 – 24)

THEME

“TURN PLANS INTO ACTION AND PROMISES INTO REALITY”

Month	THEME / SDG GOAL	CLASS	SECTION	Sub Themes
April-May	WATER AND SANITATION (GOAL 6)	VI – XII	A	Water Conservation
			B	Sources of Water pollution
			C	Sanitation practices in community
July	AFFORDABLE AND CLEAN ENERGY (GOAL 7)	VI – XII	A	Use of Renewable energy
			B	Sustainable energy
			C	Sustainable transport
August	CLIMATE ACTION (GOAL 13)	VI – XII	A	Climate Change
			B	Tips to Reduce carbon footprints
			C	Climate change initiatives
September	LIFE BELOW WATER (GOAL 14)	VI – XII	A	Ocean Conservation initiative
			B	Marine Life
			C	Tips to reduce ocean Pollution
October	GENDER EQUALITY (GOAL 5)	VI – XII	A	Issue of sexism
			B	Organizations supporting women and girls in Delhi
			C	Support for gender equality
November	QUALITY EDUCATION (GOAL 4)	VI – XII	A	Educational resources
			B	Tips for being good learner
			C	Education beyond classroom
December	GOOD HEALTH AND WELL BEING (GOAL 3)	VI – XII	A	Physical and Mental Health awareness
			B	Nutrition and exercise
			C	How to stay fit
January – February	NO POVERTY (GOAL 1)	VI – XII	A	Organization eradicating poverty
			B	Resources to help eliminate poverty
			C	Eradicating food poverty

ASSEMBLY PLANNER (2023 -24)

DATE	DAY	CLASS	ASSEMBLY THEME
05 April 2023	Wednesday	X	WELCOME ASSEMBLY
06 April 2023	Thursday	IX	WORLD HEALTH DAY
12 April 2023	Wednesday	XII	DR. AMBEDKAR REMEMBRANCE DAY
13 April 2023	Thursday	VI	JALLIANWALA BAGH MASSACRE
19 April 2023	Wednesday	VII	WORLD HERITAGE DAY
20 April 2023	Thursday	VIII	WORLD EARTH DAY
26 April 2023	Wednesday	IX	ENGLISH LANGUAGE DAY
27 April 2023	Thursday	X	NATIONAL PANCHAYATI RAJ DAY
03 May 2023	Wednesday	XII	PRESS FREEDOM DAY
04 May 2023	Thursday	VI	WORLD ATHLETICS DAY
10 May 2023	Thursday	VII	MOTHER'S DAY
11 May 2023	Wednesday	VIII	NATIONAL TECHNOLOGY DAY
05 July 2023	Wednesday	IX	DOCTOR'S DAY
06 July 2023	Thursday	X	IT IS THE WILL; NOT THE SKILL.
12 July 2023	Wednesday	XII	NUKKAD NATAK ON ANY POLITICAL ISSUE
13 July 2023	Thursday	VI	BULLYING
19 July 2023	Wednesday	VII	GENDER EQUALITY
20 July 2023	Thursday	VIII	POSITIVE ATTITUDE
26 July 2023	Wednesday	IX	KARGIL VIJAY DIWAS
27 July 2023	Thursday	X	CLEAN WATER AND SANITATION
02 Aug 2023	Wednesday	XI	MENTAL HEALTH
03 Aug 2023	Thursday	VI	AFFORDABLE AND CLEAN ENERGY

09 Aug 2023	Wednesday	VII	DIVERSITY AND INCLUSION
10 Aug 2023	Thursday	VIII	INTERNATIONAL YOUTH DAY
16 Aug 2023	Wednesday	IX	ENVIRONMENTAL ISSUES
17 Aug 2023	Thursday	X	WORLD HUMANITARIAN DAY
23 Aug 2023	Wednesday	XI	HEALTH AND WELLNESS
24 Aug 2023	Thursday	XII	STAY POSITIVE THROUGHOUT THE DAY
31 Aug 2023	Thursday	VI	RULES FOR SUCCESS
06 Sep 2023	Wednesday	VII & VIII	CAREER EXPLORATION & INTERNATIONAL LITERACY DAY
13 Sep 2023	Wednesday	IX	GANESH CHATURTHI
14 Sep 2023	Thursday	X	CYBER SAFETY AND MODERN TECHNOLOGY
20 Sep 2023	Wednesday	XI	GOAL SETTING AND MOTIVATION
21 Sep 2023	Thursday	VI	INTERNATIONAL DAY OF PEACE
27 Sep 2023	Wednesday	VII	TEAM WORK AND COLLABORATION
28 Sep 2023	Thursday	VIII	BOOKS : OUR GOOD FRIENDS
04 Oct 2023	Wednesday	IX	CULTURAL AWARENESS AND SENSITIVITY
05 Oct 2023	Thursday	XI	CLIMATE ACTION
11 Oct 2023	Wednesday	XII	RESPECT AND TOLERANCE
12 Oct 2023	Thursday	VI	FREEDOM AND ADOLESCENCE
18 Oct 2023	Wednesday	VII	SKILL DEVELOPMENT
19 Oct 2023	Thursday	VIII	COMMUNITY SERVICE
25 Oct 2023	Wednesday	IX	PEER PRESSURE AND DECISION MAKING
26 Oct 2023	Thursday	X	LIFE BELOW WATER
02 Nov 2023	Thursday	XI	LIFE ON LAND
08 Nov 2023	Wednesday	XII	WORLD SCIENCE DAY FOR PEACE
09 Nov 2023	Thursday	VI	CHILDREN'S DAY
16 Nov 2023	Thursday	VII	CREATIVITY AND INNOVATION

22 Nov 2023	Wednesday	VIII	SCIENCE AND TOURISM
23 Nov 2023	Thursday	IX	CONSUMER RIGHTS
29 Nov 2023	Wednesday	X	SELF DEFENCE
30 Nov 2023	Thursday	XI	COMMUNICATION SKILLS
06 Dec 2023	Wednesday	XII	LITERACY AND READING PROMOTION
07 Dec 2023	Thursday	VI	HUMAN RIGHTS DAY
13 Dec 2023	Wednesday	VII	INTERNET LITERACY
14 Dec 2023	Thursday	VIII	TRY AND FAIL BUT DO NOT TRY TO FAIL.
20 Dec 2023	Wednesday	X	WHERE THERE IS A WILL THERE IS A WAY
21 Dec 2023	Thursday	XI	POPULATION AND POVERTY- A THIRD WORLD MENACE
27 Dec 2023	Wednesday	XII	HARDWORK IS THE BEST INVESTMENT WHICH NEVER FAILS
28 Dec 2023	Thursday	VI	REVOLUTIONARY WRITERS
10 Jan 2024	Wednesday	VII	WAYS OF SUSTAINABLE LIVING
11 Jan 2024	Thursday	VIII	MINDFULNESS AND MEDITATION
17 Jan 2024	Wednesday	IX	WHEN CHANGE BEGINS WITHIN
18 Jan 2024	Thursday	X	WHEN OUR VALUES BECOME OUR DESTINY
24 Jan 2024	Wednesday	XI	WINNERS NEVER QUIT
25 Jan 2024	Thursday	XII	REPUBLIC DAY
31 Jan 2024	Wednesday	VI	EXAM PRESSURE AND WAYS TO DEAL WITH IT

ACADEMIC ACTIVITIES

Academic Year (2023 – 2024)

CBSE Activities :

❖ G – 20	Monthly
❖ Cyber Awareness & Security	Monthly
❖ Ek Bharat Shreshtha Bharat	Monthly
❖ Expression Series	Quarterly
❖ Aryabhata Ganit Challenge	July – August 2023
❖ CBSE Reading Challenge	July – September 2023
❖ Story Telling Competition	September – October 2023
❖ CBSE – Sports and Games Competition	September – November 2023
❖ Heritage India Quiz	November – December 2023

Science Activities

❖ CBSE Science Challenge	April – May 2023
❖ Science Based Activities at Zonal Level	August 2023
❖ Science Based Activities at Central Level	September 2023
❖ Science Based Activities at State Level	October 2023
❖ Nayi Udaan Magazine	Quarterly

NTSE and MVPP Exam Details

Issuance of Performa 'A'

❖ NTSE 1 st Stage	October 2023
❖ MVPP Exam	November 2023

Date of Examinations

❖ NTSE 1 st Stage	November 2023
❖ MVPP Exam	February 2024

Eco Club Activities :

❖ Sapling (Plantation Drive)	July 2023
❖ Celebration of Eco week	July 2023
❖ Nukkad Natak	August 2023
❖ Swachh Bharat Abhiyan (Cleanliness Drive)	October 2023
❖ Field Visit to Important Environmental Sites	November 2023
❖ Organization of Seminar on Environmental Awareness	January 2024

CO – SCHOLASTIC CALENDAR (2023 – 2024)

Classes/ Themes	April (Literary Canon)	May (Respecting Elders)	July (वसुंधरा)	August (जज़्बा - ए - वतन)
VI – VIII	<ul style="list-style-type: none"> • Crossword Puzzle • Literary Run • English Recitation Competition 	<ul style="list-style-type: none"> • Poetry Recitation • Celebrating 'Wisdom' (Cards for Elders' wise advices) 	<ul style="list-style-type: none"> • Poster Making Competition • Fancy Dress (Best Out of Waste) • Bookmark Making – Kalam's Vision 	<ul style="list-style-type: none"> • Battle of Words (Extempore) • Patriotic Dance
IX – XII	<ul style="list-style-type: none"> • Crossword Puzzle • English Poetry Recitation • Talk Show 	<ul style="list-style-type: none"> • Declamation • 'We owe you...' (Session by students for Parents/ elders) 	<ul style="list-style-type: none"> • Plantation Drive • Just –a– minute 	<ul style="list-style-type: none"> • Poetry Recitation • Folder designing – A tribute to Kalam
Special Days	<ul style="list-style-type: none"> • Shakespeare Day • ATL Community Day • Earth Week 	<ul style="list-style-type: none"> • Labour's Day • Mother's Day • National Technology Day 	<ul style="list-style-type: none"> • Holidays Homework Exhibition 'Prayas' • Math 2.0 Day 	<ul style="list-style-type: none"> • Independence Day Celebration
Classes/ Themes	September (Gratitude)	October (आनंदोत्सव)	November (धरोहर)	December (स्पर्दन)
VI – VIII	<ul style="list-style-type: none"> • Grandiose Gratitude (Dance Competition) • Art Competition 	<ul style="list-style-type: none"> • Mythological Masquerade (Ramp Show) • Instrumental Music Competition 	<ul style="list-style-type: none"> • Cultural Food Fest • Sports Activities • Sci-Spell O Mania 	<ul style="list-style-type: none"> • Care & Share • Battle of Expressions (Famous plays on gender equality)
IX – XII	<ul style="list-style-type: none"> • Grateful Letters (Thanking the well wishers) • Art Competition 	<ul style="list-style-type: none"> • Science Exhibition • Instrumental Music Competition 	<ul style="list-style-type: none"> • Sports Activities 	<ul style="list-style-type: none"> • Care & Share • Visit to Cheshire home, old age home • Battle of Expressions (Famous plays on gender equality)
Special Days	<ul style="list-style-type: none"> • Teachers Day Celebration • Hindi Diwas 	<ul style="list-style-type: none"> • Diwali Celebration 	<ul style="list-style-type: none"> • Children's Day 	<ul style="list-style-type: none"> • Christmas Carnival
Classes/ Themes	January (Rights and Duties)	February (Zeal & Zeal)		
VI – VIII	<ul style="list-style-type: none"> • Debate • Quiz 	<ul style="list-style-type: none"> • Spell Bee • Fancy Dress 		
IX – XII	<ul style="list-style-type: none"> • Debate • Quiz 	<ul style="list-style-type: none"> • Spell Bee • Movie Making Competition (Evolution of Indian Cultural Heritage) • Science Day 'Science for the People and People for Science' 		
Special Days	<ul style="list-style-type: none"> • Martyr Day 	<ul style="list-style-type: none"> • Science Day 'Science for the People and People for Science' 		

Class XII Monthly Planner (2023 – 24)

TERM – I

SUBJECTS	APRIL	MAY	JULY	AUGUST
ENGLISH	<p>Flamingo L-1 The Last Lesson L-2 The Lost Spring</p> <p>Poetry P-1 My Mother at Sixty-Six</p> <p>Vistas L-1 The Third Level</p> <p>Writing Notice</p>	<p>Flamingo L-3 Deep Water L-4 The Rattrap</p> <p>Poetry P-3 Keeping Quiet</p> <p>Vistas L-2 The Tiger King</p> <p>Writing Invitation , Replies to Invitation</p>	<p>Flamingo L-5 Indigo L-6 Poets and Pancakes</p> <p>Poetry P-4 A Thing of Beauty</p> <p>Vistas L-3 Journey to the End of the Earth L-4 The Enemy L-6 On the Face of It</p> <p>Writing Letter Writing (Enquiry Order & Complaint)</p>	<p>Flamingo L-7 The Interview I & II</p> <p>Poetry P-5 A Roadside Stand</p> <p>Writing Article Writing , Job Application , Letter to the Editor</p>
PHYSICS	<p>Ch-1 Electric charges and fields Ch-2 Electrostatic potential & capacitance</p> <p>Practical: 1. To determine resistance per cm of a given wire by plotting a graph of potential difference vs current 2. To find resistance of a given wire metre bridge and hence determine the specific resistance of its material. 3. To verify the laws of combination (series/ Parallel) of resistances using a metre bridge. 4. To compare the emf of two given primary cells using potentiometer.</p> <p>Activity: 1. To measure resistance, voltage (AC/DC), current (AC) and check continuity of a given circuit using multimeter.</p>	<p>Ch-3 Current electricity Ch-4 Moving charges and magnetism Ch-5 Magnetism & matter</p> <p>Practical: 1. To determine the internal resistance of given primary cell using potentiometer. 2. To determine resistance of a galvanometer by half deflection method and to find its figure of merit.</p>	<p>Ch-5 Magnetism & matter (continue) Ch-6 Electromagnetic induction Ch-7 Alternating current Ch-8 Electromagnetic waves</p> <p>Practical: 1. To find the frequency of the a.c. mains with a sonometer. 2. To find the value of (v) for different values of (u) in case of a concave mirror and to find focal length (f). 3. To find the focal length of a convex lens by plotting graphs between (u) and (v) or between (1/u) and (1/v).</p> <p>Activity: 1. To assemble the components of a given electrical circuit.</p>	<p>Ch-11 Dual nature of radiation & matter Ch-12 Atoms Ch-13 Nuclei Ch-14 Semiconductor electronics: Materials, devices and simple circuits.</p> <p>Practical: 1. To find the focal length of a convex mirror, using a convex lens. 2. To find the focal length of a concave lens using a convex lens. 3. To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation.</p>

	<p>Ch-8 d and f Block Elements Ch-9 Coordination Compounds</p> <p>Practical:</p> <ol style="list-style-type: none"> Salt analysis Chromatography determination of R_f values (distance values may be provided). <p>Surface Chemistry</p> <ol style="list-style-type: none"> Preparation of one lyophilic and one lyophobic sol - starch, egg albumin and gum Preparation of one lyophobic sol- Ferric hydroxide 	<p>Ch- 2 Solution Ch- 3 Electrochemistry</p> <p>Practical:</p> <ol style="list-style-type: none"> Test for the functional groups present in organic compounds Preparation of Organic Compounds <p>Preparation of any one of the following compounds</p> <ol style="list-style-type: none"> Acetanilide Di-benzalAcetone p-Nitroacetanilide <p>INVESTIGATORY PROJECT</p> <p>Scientific investigations involving laboratory testing and collecting information from other sources A few suggested Projects.</p> <ul style="list-style-type: none"> Study of the presence of oxalate ions in guava fruit at different stages of ripening. Study the quantity of casein present in different samples of milk. Preparation of soybean milk and its comparison with natural milk with respect to curd formation, the effect of temperature, etc. Study of the effect of Potassium Bisulphate as a food preservative under various conditions (temperature, concentration, time, etc.) Study of digestion of starch by salivary amylase and effect of pH and temperature on it. Comparative study of the rate of fermentation of the following materials: wheat flour, gram flour, potato juice, carrot juice, etc. Extraction of essential oils present in Saunf (aniseed), Ajwain (carum), Illaichi (cardamom). Study of common food adulterants in fat, oil, butter, sugar, turmeric power, chilli powder and pepper. <p>Note: Any other investigatory project, which involves about 10 periods of work, can be chosen with the approval of the teacher.</p>	<p>Ch-4 Chemical Kinetics Ch- 10 Haloalkanes and Halo Arenes</p> <p>Practical:</p> <ol style="list-style-type: none"> Determination of one cation & one anion in a given salt Preparation of Inorganic Compounds Preparation of double salt of Ferrous Ammonium Sulphate or Potash Alum Preparation of Potassium Ferric Oxalate 	<p>Ch- 11 Alcohols Phenols , Ether CH- 12 Aldehydes , ketones and carboxylic acid</p> <p>Practical:</p> <ol style="list-style-type: none"> Characteristic tests of carbohydrates, fats & proteins in pure samples & their detection in given food stuff. Determination of molarity of KMnO₄ solution by titrating it against a standard solution of (i) Oxalic acid (ii) Ferrous ammonium sulphate
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BIOLOGY	Ch-5 Principles of inheritance and variation Practical 1. Isolation Of DNA 2. Prepare a temporary mount of onion root tip to study mitosis 3. Flower adapted to pollination by different agencies 4. Meiosis in onion Bud cell or Grasshopper testis through permanent slides	Ch- 6 Molecular basis of inheritance Practical 1. Mendellian Inheritance during using seeds of different color /sizes Of any plant 2. Identification of stages of Gamete development i.e.T.S. of testis T.s. of ovary through Permanent slides	Ch-2 Sexual Reproduction in flowering plants Ch-3 Human Reproduction Ch-4 Reproductive Health Ch-7 Evolution Practical 1. Flash cards showing examples of homologous and analogous organs 2. Model specimen showing symbiotic association in root nodule of leguminous plant cuscuta on host lichen	Ch-8 Human Health & Diseases Ch-10 Microbes in Human Welfare Practical 1. Study the plant population density by gradient method 2. Study the plant population frequency by quadrant Method 3. Prepare Pedigree chart 4. Common – diseases & symptoms
MATHEMATICS	Ch-1 Inverse Trigonometry Ch-2 Matrices Ch-3 Determinant	Ch-4 Differentiability & Continuity Ch-5 Application of Derivatives	Ch-5 Application of Derivatives (Contd.) Ch-6 Integration Ch-7 Area under Curve	Ch-8 Differential Equation Ch-9 Vectors Ch-10 Linear Programming
ACCOUNTANCY	Part I Ch-1 Accounting for partnership firms – fundamentals Ch-2 Goodwill – Nature & valuation Ch-3 Change in profit sharing ratio among existing partners	Part I Ch-4 Admission of a partner Ch-5 Retirement of a partner	Part I Ch-6 Death of a partner Ch-7 Dissolution of a Partnership Firm Part II Ch-1 Accounting for share capital	Part II Ch-2 Accounting for debentures Part III Ch-1 Financial statements of a company Ch-2 Financial statement analysis
ECONOMICS	Part B Indian Economic Development Unit 1 Chapter 1: Indian Economy on the Eve of Independence Chapter 2: Indian Economy (1950-1990) Chapter 3: Liberalisation, Privatisation, Globalisation: An appraisal	Part B Chapter 5: Human Capital Formation Chapter 6: Rural Development Chapter 7: Employment	Chapter 9: Environment and Sustainable Development Chapter 10: Comparative Development Experiences of India and It's Neighbours PART A Unit 2: Money and Banking	Part A Unit 4: Government Budget and the Economy Unit 5: Balance of Payments
BUSINESS STUDIES	Part A Unit 1- Nature & significance of Management Unit 2- Principles of Management	Part A Unit 3- Business environment Unit 4 – Planning Unit 5 – Organising	Part A Unit 6- Staffing Unit 7- Directing Unit 8- Controlling	Part B Unit 11- Marketing Management Unit 12- Consumer Protection
POLITICAL SCIENCE	Ch-1 The End of Bi Polarity Ch-8 Challenges of Nation Building Ch-9 Planned Development	Ch-2 New Centres of Powers Ch-3 Contemporary South Asia Ch-10 India's Foreign Policy	Ch-4 United Nations & Its Organizations Ch-5 Security in Contemporary World Ch-11 Parties & Party System in India	Ch-6 Environment & Natural Resources Ch-12 Democratic Resurgence Ch-13 Regional Aspirations

HINDI	<p>अंतरा - काव्य - आधुनिक खंड - पाठ-1 जयशंकर प्रसाद साहित्यिक परिचय क) कार्नेलिया का गीत ख) देवसेना का गीत पाठ-2 सूर्यकांत त्रिपाठी निराला साहित्यिक परिचय सरोज स्मृति</p> <p>अंतरा - गद्य - पाठ-1 रामचंद्र शुक्ल साहित्यिक परिचय 'प्रेमघन की छाया स्मृति' पाठ-2 पंडितचंद्रधर शर्मागुलेरी साहित्यिक परिचय 'सुमिरिनी के मनके'</p> <p>अंतराल - पाठ-1 'सूरदास की झोंपड़ी प्रेमचंद</p> <p>निबंध- भारत की वैज्ञानिक प्रगति से संबंधित</p> <p>पत्र- पुलिस अधीक्षक को किसी क्षेत्रीय समस्या पर संपादक के नाम (विविध समस्याओं संबंधी)</p>	<p>अंतरा - काव्य - पाठ-3 सच्चिदानंद हीरानंद वात्सायन अज्ञेय (क) यह दीप अकेला (ख) मैने देखा एक बूँद पाठ-4 केदारनाथ सिंह साहित्यिक परिचय (क) बनारस (ख) दिशा</p> <p>अंतरा - गद्य - पाठ-3 फणीश्वर नाथ 'रेणु' साहित्यिक परिचय 'संवदिया'</p> <p>अंतराल - पाठ-2 बिस्कोहर की माटी अपठित काव्यांश अपठित गद्यांश</p> <p>अभिव्यक्ति और माध्यम विभिन्न माध्यमों के लिए लेखन</p> <p>निबंध - विद्यार्थी और युवा पीढ़ी से संबंधित</p>	<p>अंतरा - काव्य - पाठ-5 रघुवीर सहाय साहित्यिक परिचय (क) तोड़ो (ख) वसंत आया</p> <p>अंतरा - गद्य - पाठ-4 भीष्म साहनी साहित्यिक परिचय गांधी, नेहरू और यास्सर अराफात पाठ-5 असगर वजाहत - साहित्यिक परिचय - शेर, पहचान, चार हाथ, साझा</p> <p>अभिव्यक्ति और माध्यम पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया कैसे बनती है कविता</p> <p>निबंध - नैतिक शिक्षा पर आधारित ज्वलंत समस्याओं पर आधारित</p> <p>पत्र - कार्यालयी पत्र अपठित गद्यांश एवं पद्यांश</p>	<p>अंतरा- काव्य- प्राचीन पाठ-6 तुलसीदास - साहित्यिक परिचय (क) भरत - राम का प्रेम (ख) पद पाठ-7 मलिक मुहम्मद जायसी- साहित्यिक परिचय बारहमासा</p> <p>अंतरा - गद्य- पाठ-6 निर्मल वर्मा- साहित्यिक परिचय 'जहाँ कोई वापसी नहीं' पाठ-7 ममता कालिया- साहित्यिक परिचय 'दूसरा देवदास'</p> <p>अंतराल - पाठ-3 'अपना मालवा-खाऊ उजाड़ सभ्यता में- प्रभाष जोशी</p> <p>अभिव्यक्ति और माध्यम नाटक लिखने का व्याकरण कैसे लिखें कहानी</p> <p>निबंध - नारी विषयक, सामान्य विषयों पर आधारित</p> <p>आवेदन पत्र (स्ववृत सहित) रोजगार संबंधी , दूरदर्शन पर प्रसारित कार्यक्रमों संबंधी अपने सुझाव देते हुए दूरदर्शन महानिदेशक को पत्र</p>
PHYSICAL EDUCATION	Ch-1 Planning in sports Ch-3 Yoga & Lifestyle	Ch-5 Children & women in sports Ch-6 Test & measurement in sports	Ch-2 Sports & Nutrition Ch-4 Physical Education & Sports for CWSN (Children with special needs - Divyang)	Ch-7 Physiology & injuries in sports Ch-8 Biomechanics & ports
INFORMATICS PRACTICES	Ch-1 Data Handling Using Pandas - I	Ch-1 Data Handling Using Pandas - I (Contd.)	Ch-2 Data Visualization Ch-4 Computer Networks	Ch-3 Database Query Using SQL Ch-5 Societal Impacts
COMPUTER SCIENCE	Ch-1 Review of Python Basics	Ch-2 Working with Functions Ch-7 Relational Database & SQL	Ch-4 File Handling Ch-5 Data Structure in Python - Stack	Ch-6 Computer Networks Ch-8 Interface Python with MySQL

September – Revision of the syllabus covered so far and conducting First Term Examination

TERM – II

SUBJECTS	OCTOBER	NOVEMBER	DECEMBER	JANUARY
ENGLISH	Flamingo L-8 Going Places Poetry P-6 Aunt Jennifer’s Tiger Vistas L-8 Memories of Childhood (Both parts) Writing Report Writing	REVISION FOR 2ND TERMINAL & PRE – BOARD EXAMINATION		
PHYSICS	Ch-9 Ray optics and optical instruments Ch-10 Wave optics Practical: 1. To draw the I – V characteristics curve of a p – n function in forward bias and reverse bias. Activities: 1. To study the effect of intensity (by varying distance of the source) on an LDR. 2. To identify a diode, an LED a transistor and IC, a resistor and a capacitor from mixed collection of such items.			
CHEMISTRY	Ch – 13 Amines Ch – 14 Biomolecules Practical Tests for the functional groups present in organic compounds: 1. Alcoholic and Carboxylic groups. 2. Aldehydic and Ketonic 3. D Characteristic tests of carbohydrates and proteins in the given Foodstuffs. 4. Preparation of Inorganic Compounds- Potash Alum			
BIOLOGY	Ch-11 Principles and processes or biotechnology Ch-12 Application of biotechnology in health and agriculture Ch-13 Organism & Population Ch-14 Ecosystem Ch-15 Biodiversity & Conservation			
MATHEMATICS	Ch-11 Probability Ch-12 Three dimensional geometry Ch-13 Relation and function			
ACCOUNTANCY	Part III Ch-3 Comparative & Common Size Statements Ch-4 Accounting Ratios Ch-5 Cash flow statement			
ECONOMICS	Unit1:National Income and Aggregates Unit 3: Determination of Income and Employment			
BUSINESS STUDIES	Part B Unit 9 – Financial Management Unit 10 – Financial Market			

POLITICAL SCIENCE	Ch-7 Globalization Ch-14 Indian Politics Recent Trends & Development	REVISION FOR 2 ND TERMINAL & PRE – BOARD EXAMINATION
HINDI	<p>अंतरा – काव्य – पाठ-8 विद्यापति पद् पाठ-9 घनानन्द – साहित्यिक परिचय कवित्त काव्य सौंदर्य/शिल्प-भाव सौंदर्य (अभ्यास), पद्यों की सप्रसंग व्याख्या</p> <p>अंतरा – गद्य – पाठ-8 हजारी प्रसाद द्विवेदी- साहित्यिक परिचय 'कुटज'</p> <p>अभिव्यक्ति और माध्यम – नए और अप्रत्याशित विषयों पर लेखन अपठित गद्यांश एवं पद्यांश</p> <p>निबंध – प्राकृतिक आपदा संबंधी साहित्यिक विषयों पर आधारित सूक्तिपरक भारतीय संस्कृति – विविधता में एकता (विशेषताएँ)</p> <p>पत्र – औपचारिक पत्र (जन-सुविधाओं से संबंधित संपादक को पत्र)</p>	पुनरावृत्ति कार्य – अभिव्यक्ति और माध्यम – लघु प्रश्न (अभ्यास) पाठों से संबंधित नैतिक मूल्यों पर आधारित लघु प्रश्नों का अभ्यास। निबंध और पत्र लेखन अभ्यास पुनरावृत्ति कार्य –अंतरा-गद्य- गद्यांशों की सप्रसंग व्याख्या पुनरावृत्ति कार्य – अंतराल के पाठों की पुनरावृत्ति
PHYSICAL EDUCATION	Ch-9 Psychology & sports Ch-10 Training in sports	REVISION FOR 2 ND TERMINAL & PRE – BOARD EXAMINATION
INFORMATICS PRACTICES	Importing/ Exporting Data between CSV Files/MySQL and Pandas	
COMPUTER SCIENCE	Ch-3 Using Python Libraries	

February – Revision of the Entire Syllabus

ACTIVITY PLANNER (2023 – 24)

Date & Month	Activities
29 April - 30 April 2023	Health Care Checkup
10 May 2023	Polling Day
12 May 2023	Health & Nutrition Day
07 July 2023	Oath Taking Ceremony
10 July –14 July 2023	Ecology week (VI – VIII)
20 July 2023	Maths Quiz (IX –XII)
14 Aug 2023	Independence Day Celebration
18 Aug 2023	Ad – Mad Show (Commerce Department – Class XI & XII)
19 Aug 2023	Annual Exhibition (IX –XII)
26 Aug 2023	Magnotsav Final 2023 (Offline) (VI – IX)
05 Sep 2023	Teacher’s Day Celebration
08 Sep 2023	Social Science Quiz (VI - VIII)
30 Sep 2023	Summer Picnic (VI – XII)
17 Oct 2023	Hindi Essay Writing Competition (VI to VIII)
30 Oct - 03 Nov 2023	Sports Week (VI – XII)
10 Nov 2023	Diwali Mela (Commerce Department (XI & XII) Rangoli Competition, Class Decoration Competition (VI – VIII)
14 Nov 2023	Science Quiz (IX-XII)
24 Nov 2023	Special Assembly (Guru Parv)
04-05 Dec 2023	Dental Care
20 Dec 2023	Poem Recitation (VI-VIII)
24 Dec 2023	Winter Carnival
25 Jan 2024	Republic Day Celebration
03 Feb 2024	Farewell Party (Class XII)
07 Feb 2024	Winter Picnic (VI-VIII)