

SKYLARK WORLD SCHOOL, LUCKNOW

Syllabus for Class: XII

Session: 2025-26

SSUBJECT: PHYSICS

Term	Month	No. of working Days/ IWD	Chapter No. and Name	Sessions per chapter	Total Sessions in a month
Term-1	April	23/23	<u>Chapter-1:</u> Electric Charges and Fields <u>Chapter-2:</u> Electrostatic Potential and Capacitance <u>Experiment-1</u> Two determine the resistivity of two/three wires by plotting a graph b/w potential difference versus current.	14 12 2	30
	May	15/14	<u>Chapter-3:</u> Current Electricity <u>Chapter-4:</u> Moving Charges and Magnetism <u>Experiment 2-</u> To determine the resistance of a given wire using meter bridge and hence determine the specific resistance of its material.	16 3 2	21
	June	7/4	<u>Chapter-4:</u> Moving Charges and Magnetism	4	4
	July (Periodic Assessment – I)				
	July	27/27	<u>Chapter-5:</u> Magnetism and Matter <u>Chapter-6:</u> Electromagnetic Induction <u>Experiment-3</u> To determine the resistance of a moving coil galvanometer by half deflection method. <u>Chapter-7:</u> Alternating Current	17 13 2 5	37
	August	23/20	<u>Chapter-7:</u> Alternating Current <u>Experiment-4</u> To find the frequency of AC mains with a sonometer. <u>Chapter-8:</u> Electromagnetic Waves <u>Experiment-5</u> To verify the law of combination series of resistances using a meter bridge.	11 02 04 02	27

		<u>Experiment-6</u> To convert the given galvanometer (of the known resistance and figure of merit) in to an ammeter of a given range(0-3A) and to verify the same. <u>Chapter-9:</u> Ray Optics and Optical Instruments	08	
September	24/16	<u>Chapter-9:</u> Ray Optics and Optical Instruments <u>Experiment 7-</u> To find the focal length of convex lens by plotting the graph between u and v. <u>Experiment 8-</u> To determine the angle of minimum deviation for a given prism plotting a graph between angle of incidence and angle of deviation. HALF YEARLY REVISION	10 2 2 8	22

September(Half Yearly Examination)

Term	Month	No. of working Days	Chapter No. and Name	Sessions per chapter	Total Sessions in a month
Term-2	October	20/17	<u>Chapter-10:</u> Wave Optics <u>Chapter-11:</u> Dual Nature of Radiation and Matter <u>Chapter-12:</u> Atoms <u>Experiment 9-</u> To find the refractive index of a liquid using convex lens and plane mirror.	8 8 5 2	23
	November	24/24	<u>Chapter-12:</u> Atoms <u>Chapter-13:</u> Nuclie <u>Chapter-13:</u> Semiconductor <u>Experiment 10-</u> To draw the I-V characteristic curve of a p-n junction diode in forward_bias_and to determine its static and dynamic resistance. Revision & PB I to be conducted	3 7 10 2	32
	November (Pre Board-I)				
	December	25/24	Pre Board II to be conducted		

	January		Doubt Clearing Sessions only/Annual Practical Exams for XII		

March-WD-24 (Revision & Annual Examination)

Revision & Annual Examination March -25

Summary for Syllabus Assessment

	Examination	Chapter No. and Name
Term-1	PA-1 (July)	<u>Chapter-1</u> : Electric Charges and Fields <u>Chapter-2</u> : Electrostatic Potential and Capacitance
	Half yearly (September)	<u>Chapter-1</u> : Electric Charges and Fields. <u>Chapter-2</u> : Electrostatic Potential and Capacitance. <u>Chapter-3</u> : Current Electricity <u>Chapter-4</u> : Moving Charges and Magnetism Chapter-5: Magnetism and Matter <u>Chapter-5</u> : Magnetism and Matter <u>Chapter-6</u> : Electromagnetic Induction <u>Chapter-7</u> : Alternating Current
Term-2	PB-I (November)	Full Syllabus
	PB - II (December)	Full Syllabus

* Breakup of marks for Formal Assessments

<u>Scholastic Areas</u>	<u>Term-1</u>	<u>Term-2</u>	<u>Final Result</u>
Two experiments one from each section	7+7	7+7	50% of Term-1 performance+50% of Term-2 Performance
Practical record [experiments and activities]	5	5	

One activity from any section	3	3	
Investigatory Project	3	3	
Viva on experiments, activities and project	5	5	
Total	100	100	

***S.E- Chapter taken for subject enrichment will be assessed only in the Internal Assessments.**

SUBJECT: ENGLISH

Term	Month	No. of working Days/ IWD	Chapter No. and Name	Sessions per chapter	Total Sessions in a month
Term-1	April	23/23	Literature: Flamingo: The Last Lesson (Prose) Lost Spring (Prose) My Mother at Sixty-Six (Poem) Writing: Invitation - Formal and Informal Reply to invitation- Formal and Informal Unseen Passage- 1.Discursive passage 2. Case-based factual passage	6 6 5 6 3 3	29
	May	15/14	Literature: Flamingo: Deep Water (Prose) Vistas: The Tiger King (Prose) Writing: Letter to the Editor	7 7 3	17
	June	7/4	Literature: Vistas: The Third Level (Prose)	5	5
	July (Periodic Assessment – I)				
	July	27/27	Literature: Flamingo: The Rattrap (Prose) Indigo (Prose) Keeping Quiet (Poem) A Thing of Beauty (Poem) Vistas: Journey to the End of the Earth (Prose)	6 6 5 5 6	35

		Writing: Job Application with Resume	7	
August	23/20	Literature: Flamingo: Poets and Pancakes (Prose) The Interview (Prose) A Roadside Stand (Poem) Vistas: The Enemy Writing: Notice Writing	5 5 5 5 5	25
September	24/16	Literature: Flamingo: Going Places (Prose) The Interview(Prose) Vistas: Memories of Childhood (Part 1) Writing: Report Writing	5 5 5 5	20
September(Half Yearly Examination)				

Term	Month	No. of working Days	Chapter No. and Name	Sessions per chapter	Total Sessions in a month
Term-2	October	20/17	Literature: Vistas: Memories of Childhood (Part 2) Flamingo Aunt Jennifer's Tigers (Poem) On the Face of It (Prose) Writing: Article Writing	4 5 6 6	21
	November	24/24	Revision & PB I to be conducted		
	November (Pre Board-I)				
	December	25/24	Pre Board II to be conducted		
	January		Doubt Clearing Sessions only/Annual Practical Exams for XII		

March-WD-24 (Revision & Annual Examination)

Revision & Annual Examination March -25

Summary for Syllabus Assessment

	Examination	Chapter No. and Name
Term-1	PA-1 (July)	Unseen Passage Literature: Flamingo: The Last Lesson (Prose) Lost Spring (Prose) My Mother at Sixty-Six (Poem) Vistas: The Third Level (Prose) Writing: Letter to the Editor Invitation - Formal and Informal Reply to invitation- Formal and Informal
	Half yearly (September)	Unseen Passage Literature: Flamingo: The Last Lesson (Prose) Lost Spring (Prose) Deep Water (Prose) My Mother at Sixty-Six (Poem) The Rattrap (Prose) Indigo (Prose) Keeping Quiet (Poem) A Thing of Beauty (Poem) Vistas: The Third Level (Prose) The Tiger King (Prose) Journey to the End of the Earth (Prose) Writing: Letter to the Editor Invitation - Formal and Informal Reply to invitation- Formal and Informal Job Application with Resume
Term-2	PB-1 (November)	Full course
	PB - II(December)	Full course

***Breakup of marks for Formal Assessments**

<u>Scholastic Areas</u>	<u>Term-1</u>	<u>Term-2</u>	<u>Final Result</u>
Internal Assessment	20	20	50% of Term-1 performance+50% of Term-2 Performance
Half Yearly/Final Exam	80	80	
Total	100	100	

INTERNAL ASSESSMENT	20 MARKS
Assessment of Listening Skills	5
Assessment of Speaking Skills	5
Project Work	10

PROJECT : Prepare a project on any ONE of the following topics. Word Limit of the project is 800 – 1000 words.

- “Overcoming your biggest fear” – with reference to DEEP WATER
- Struggles of being a child in an economically backward family” – with reference to STORIES OF LOST CHILDHOOD.
- “Importance of Mother Tongue” with reference to “The Last Lesson”.
- “Futility of war and its impact on people” with reference to “The Third Level”.
- “LINGUISTIC CHAUVINISM” with reference to the chapter “The Last Lesson”.

SUBJECT: HINDI

Term	Month	No. of working Days/ IWD	Chapter No. and Name	Sessions per chapter	Total Sessions in a month
Term-1	April	23/23	<u>आरोह-2</u> 1. आत्मपरिचय, एक गीत (पद्य) 2. पतंग (पद्य) 11.भक्तिन (गद्य)	6 6 6	23
			<u>रचनात्मक लेखन</u> अनुच्छेद लेखन	2	
			<u>व्याकरण</u> अपठित गद्यांश	1	
			अपठित काव्यांश	2	

May	15/14	<u>आरोह-2</u> 3. कविता के बहाने, बात सीधी पर (पद्य) 4. कैमरे में बंद अपाहिज (पद्य) 12. बाजार दर्शन (गद्य) 13. काले मेघा पानी दे (गद्य)	3 3 4 4	14
June	7/4	<u>वितान -2</u> 1. सिल्वर वैडिंग	4	4
July (Periodic Assessment – I)				
July	27/27	<u>आरोह-2</u> 6. उषा (पद्य) 8. कवितावली, लक्ष्मण – मूर्च्छा और राम का विलाप (पद्य) 10. छोटा मेरा खेत , बगुलो के पंख (पद्य) 14. पहलवान की ढोलक (गद्य) <u>वितान -2</u> 2. जूझ 3. अतीत में दबे पाँव	4 5 4 5 4 5	27
August	23/20	<u>आरोह-2</u> 17. शिरीष के फूल (गद्य) 18. श्रम – विभाजन और जाति प्रथा, मेरी कल्पना का आदर्श समाज (गद्य) <u>अभिव्यक्ति माध्यम</u> 3. विभिन्न माध्यमों के लिए लेखन 13. नए और अप्रत्याशित विषयों पर लेखन	5 5 5 5	20
September	24/16	<u>आरोह-2</u> 7. बादल राग (पद्य)	4	16

		रचनात्मक लेखन अनुच्छेद लेखन पुनरावृत्ति (अर्ध.प.)	2 10	
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September(Half Yearly Examination)

Term	Month	No. of working Days	Chapter No. and Name	Sessions per chapter	Total Sessions in a month
Term-2	October	20/17	<u>आरोह-2</u> 9. रूबाइयाँ (पद्य) <u>अभिव्यक्ति माध्यम</u> 4. पत्रकारीय लेखन के विभिन्न रूप और लेखन 5. विशेष लेखन – स्वरूप और प्रकार	5 6 6	17
	November	24/24	<u>अभिव्यक्ति माध्यम</u> 11.कैसे करें कहानी का नाट्य रूपांतरण 12. कैसे बनता है रेडियो नाटक पुनरावृत्ति (पू.वा.प.-1)	4 4 16	24
	November (Pre Board-I)				
	December	25/24	पुनरावृत्ति (पू.वा.प.-2)		24
	January		पुनरावृत्ति (वा.प.)		

March-WD-24 (Revision & Annual Examination)

Revision & Annual Examination March -25

Summary for Syllabus Assessment

	Examination	Chapter No. and Name
Term-1	PA-1 (July)	<p><u>आरोह-2</u> <u>पद्य खंड</u> 1. आत्मपरिचय, एक गीत 2. पतंग</p> <p><u>गद्य खंड</u> 11. भक्तिन 12. बाजार दर्शन</p> <p><u>वितान -2</u> 1. सिल्वर वैडिंग</p> <p><u>रचनात्मक लेखन</u> अनुच्छेद लेखन</p> <p><u>व्याकरण</u> अपठित गद्यांश अपठित काव्यांश</p>
	Half yearly (September)	<p><u>आरोह-2</u> <u>पद्य खंड</u> 3. कविता के बहाने, बात सीधी पर 6. उषा 4. कैमरे में बंद अपाहिज 8. कवितावली, लक्ष्मण – मूर्च्छा और राम का विलाप 10. छोटा मेरा खेत, बगुलो के पंख</p> <p><u>गद्य खंड</u> 12. बाजार दर्शन 13. काले मेघा पानी दे 14. पहलवान की ढोलक 17. शिरीष के फूल 18. श्रम – विभाजन और जाति प्रथा, मेरी कल्पना का आदर्श समाज</p> <p><u>वितान-2</u> 1. सिल्वर वैडिंग 2. जूझ</p> <p><u>अभिव्यक्ति माध्यम</u></p>

		<p>3. विभिन्न माध्यमों के लिए लेखन 13. नए और अप्रत्याशित विषयों पर लेखन</p> <p><u>अपठित बोध</u> अपठित गद्यांश अपठित काव्यांश</p> <p><u>रचनात्मक लेखन</u> अनुच्छेद लेखन</p>
Term-2	PB-1 (November)	<p><u>आरोह-2</u> <u>पद्य खंड</u> 1. आत्मपरिचय, एक गीत 2. पतंग 3. कविता के बहाने, बात सीधी पर 4. कैमरे में बंद अपाहिज 6. उषा 7. बादल राग 8. कवितावली, लक्ष्मण – मूर्च्छा और राम का विलाप 9. गजल 10. छोटा मेरा खेत , बगुलो के पंख</p> <p><u>गद्य खंड</u> 11. भक्तिन 12. बाजार दर्शन 13. काले मेघा पानी दे 14. पहलवान की ढोलक 17. शिरीष के फूल 18. श्रम – विभाजन और जाति प्रथा, मेरी कल्पना का आदर्श समाज</p> <p><u>वितान -2</u> 1. सिल्वर वैडिंग 2. जूझ 3. अतीत में दबे पाँव</p> <p><u>अभिव्यक्ति माध्यम</u> 3. विभिन्न माध्यमों के लिए लेखन 4. पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया 5. विशेष लेखन – स्वरूप और प्रकार 11. कैसे करें कहानी का नाट्य रूपांतरण</p>

12. कैसे बनता है रेडियो नाटक
13. नए और अप्रत्याशित विषयों पर लेखन

अपठित बोध

अपठित गद्यांश
अपठित काव्यांश

रचनात्मक लेखन

अनुच्छेद लेखन

PB - II (December)

आरोह-2

पद्य खंड

1. आत्मपरिचय, एक गीत
2. पतंग
3. कविता के बहाने, बात सीधी पर
4. कैमरे में बंद अपाहिज
6. उषा
7. बादल राग
8. कवितावली, लक्ष्मण – मूर्च्छा और राम का विलाप
9. गजल
10. छोटा मेरा खेत, बगुलो के पंख

गद्य खंड

11. भक्तिन
12. बाजार दर्शन
13. काले मेघा पानी दे
14. पहलवान की ढोलक
17. शिरीष के फूल
18. श्रम – विभाजन और जाति प्रथा, मेरी कल्पना का आदर्श समाज

वितान -2

1. सिल्वर वैडिंग
2. जूझ
3. अतीत में दबे पाँव

अभिव्यक्ति माध्यम

3. विभिन्न माध्यमों के लिए लेखन
4. पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया
5. विशेष लेखन – स्वरूप और प्रकार
11. कैसे करें कहानी का नाट्य रूपांतरण
12. कैसे बनता है रेडियो नाटक

13. नए और अप्रत्याशित विषयों पर लेखन

अपठित बोध

अपठित गद्यांश

अपठित काव्यांश

रचनात्मक लेखन

अनुच्छेद लेखन

*** Breakup of marks for Formal Assessments**

<u>Scholastic Areas</u>	<u>Term-1</u>	<u>Term-2</u>	<u>Final Result</u>
Internal Assessment	20	20	50% of Term-1 performance+50 % of Term-2 Performance
Half Yearly/Final Exam	80	80	
Total	100	100	

INTERNAL ASSESSMENT	20 MARKS
ASL	10
Project	10

***S.E- Chapter taken for subject enrichment will be assessed only in the Internal Assessments.**

परियोजना कार्य – “भारतीय हस्तशिल्प और उनका वैश्वीकरण”

[कोई 5 भारतीय हस्तशिल्प की विविधताएँ, हस्तशिल्प का सांस्कृतिक महत्व, वैश्वीकरण और भारतीय हस्तशिल्प, वैश्वीकरण से प्राप्त लाभ, वैश्वीकरण से उत्पन्न चुनौतियाँ, सरकारी और गैर-सरकारी प्रयास, समाधान और सुझाव, निष्कर्ष, संदर्भ]

SUBJECT :- BIOLOGY

Term	Month	No. of working Days/ IWD	Chapter No. and Name	Sessions per chapter	Total Sessions in a month
	April	23/23	Chapter-2: Sexual Reproduction in Flowering Plants Chapter-3: Human Reproduction Revision : Ch-2, Ch-3 Practicals:	10 10 8 4	36

		1. Prepare a temporary mount to observe pollen germination. 2. Study the plant population density by quadrat method.	4	
May	15/14	Chapter-4: Reproductive Health Chapter-5: Principles of Inheritance and Variation Revision : Ch-4, Ch-5 Practicals: 3. Study the plant population frequency by quadrat method. 4. Prepare a temporary mount of onion root tip to study mitosis.	6 6 4 1 1	18
June	7/4	Revision :	4	4

July (Periodic Assessment – I)

July	27/27	Chapter-6: Molecular Basis of Inheritance Chapter-7: Evolution Revision : Ch-6,Ch-7 Practicals: 5. Isolate DNA from available plant material such as spinach, green pea seeds, papaya, etc. Spotting : 1. Flowers adapted to pollination by different agencies (wind, insects, birds). 2. Pollen germination on stigma through a permanent slide or scanning electron micrograph. 3 through permanent slides (from grasshopper/mice).. Identification of stages of gamete development, i.e., T.S. of testis and T.S. of ovary	12 10 8 3 3	36
August	23/20	Chapter-8: Human Health and Diseases Chapter-10: Microbes in Human Welfare Chapter-11: Biotechnology - Principles and Processes Spotting : 4. Meiosis in onion bud cell or grasshopper testis through permanent slides. 5. T.S. of blastula through permanent slides (Mammalian).	6 6 6 2	20

		<p>6. Mendelian inheritance using seeds of different colour/sizes of any plant.</p> <p>7. Prepared pedigree charts of any one of the genetic traits such as rolling of tongue, blood groups, ear lobes, widow's peak and colour blindness.</p>		
September	24/16	<p>Chapter-12: Biotechnology and its Applications</p> <p>Chapter-13: Organisms and Populations</p> <p>Revision : Ch-12, Ch-13</p> <p>Spotting :</p> <p>8. Controlled pollination - emasculation, tagging and bagging.</p> <p>9. Common disease causing organisms like Ascaris, Entamoeba, Plasmodium, any fungus causing ringworm through permanent slides, models or virtual images or specimens. Comment on symptoms of diseases that they cause</p>	<p>10</p> <p>6</p> <p>10</p> <p>2</p> <p>8</p>	36
September(Half Yearly Examination)				

Term	Month	No. of working Days	Chapter No. and Name	Sessions per chapter	Total Sessions in a month
Term-2	October	20/17	<p>Chapter-14: Ecosystem</p> <p>Chapter-15: Biodiversity and its Conservation</p> <p>Revision : Ch-14, Ch-15</p> <p>Spotting :</p> <p>10. Models specimen showing symbolic association in root modules of leguminous plants, Cuscuta on host, lichens.</p> <p>11. Flash cards models showing examples of homologous and analogous organs.</p>	<p>10</p> <p>4</p> <p>4</p> <p>2</p>	20
	November	24/24	Revision & PB I to be conducted		
	November (Pre Board-I)				
	December	25/24	Pre Board II to be conducted		
	January		Doubt Clearing Sessions only/Annual Practical Exams for XII		

March-WD-24 (Revision & Annual Examination)

Revision & Annual Examination March -25

Summary for Syllabus Assessment

	Examination	Chapter No. and Name
Term-1	PA-1 (July)	Chapter-2: Sexual Reproduction in Flowering Plants Chapter-3: Human Reproduction Chapter-4: Reproductive Health
	Half yearly (September)	Chapter-2: Sexual Reproduction in Flowering Plants Chapter-3: Human Reproduction Chapter-4: Reproductive Health Chapter-5: Principles of Inheritance and Variation Chapter-6: Molecular Basis of Inheritance Chapter-7: Evolution Chapter-8: Human Health and Diseases Chapter-10: Microbes in Human Welfare
Term-2	PB-1 (November)	Chapter-2: Sexual Reproduction in Flowering Plants Chapter-3: Human Reproduction Chapter-4: Reproductive Health Chapter-5: Principles of Inheritance and Variation Chapter-6: Molecular Basis of Inheritance Chapter-7: Evolution Chapter-8: Human Health and Diseases Chapter-10: Microbes in Human Welfare Chapter-11: Biotechnology - Principles and Processes Chapter-12: Biotechnology and its Applications Chapter-13: Organisms and Populations Chapter-14: Ecosystem Chapter-15: Biodiversity and its Conservation
	PB - II (December)	Chapter-2: Sexual Reproduction in Flowering Plants Chapter-3: Human Reproduction Chapter-4: Reproductive Health Chapter-5: Principles of Inheritance and Variation Chapter-6: Molecular Basis of Inheritance Chapter-7: Evolution Chapter-8: Human Health and Diseases Chapter-10: Microbes in Human Welfare Chapter-11: Biotechnology - Principles and Processes Chapter-12: Biotechnology and its Applications

Chapter-13: Organisms and Populations
Chapter-14: Ecosystem
Chapter-15: Biodiversity and its Conservation

*** Breakup of marks for Formal Assessments**

<u>Scholastic Areas</u>	<u>Term-1</u>	<u>Term-2</u>	<u>Final Result</u>
Internal Assessment	30	30	50% of Term-1 performance+50% of Term-2 Performance
Half Yearly/Final Exam	70	70	
Total	100	100	

INTERNAL ASSESSMENT	20 MARKS
One Major Experiment	5
One Minor Experiment	4
Slide Preparation	5
Spotting 1-7	7
Practical Record + Viva	4
Project + Viva	5

Subject: Computer Science

Term	Month	No. of working Days/ IWD	Chapter No. and Name	Sessions per chapter	Total Sessions in a month
Term-1	April	23/23	Chapter 1 Python Revision Tour Chapter 2 Python Revision Tour II.	13 10	23
	May	15/14	Chapter 3 Working with Functions Chapter 4 Using Python Libraries	7 7	14
	June	7/4	Chapter 5 File Handling	4	4
	July (Periodic Assessment – I)				
	July	27/27	Chapter 5 File Handling Chapter 6 Exception Handling	17 10	27
	August	23/20	Chapter 7 Data Structures - I : Linear Lists Chapter 8 Computer Network I	10 10	20

September	24/16	Chapter 9 Computer Network II Chapter 10 Relational Databases	8 8	
September(Half Yearly Examination)				

Term	Month	No. of working Days	Chapter No. and Name	Sessions per chapter	Total Sessions in a month
	October	20/17	Chapter 11 Simple Queries In SQL Chapter 12 Table Creation and Data Manipulation Commands	10 17	17
	November	24/24	Chapter 13 Grouping Records, joins in SQL	24	24
	November (Pre Board-I)				
	December	25/24	Chapter 14 Interface python with MySQL	24	24
	January		Revision		

March-WD-24 (Revision & Annual Examination)

Revision & Annual Examination March -25

Summary for Syllabus Assessment

	Examination	Chapter No. and Name
Term-2 n-	PA-1 (July)	Chapter 1 Python Revision Tour Chapter 2 Python Revision Tour II
	Half yearly (September)	Chapter 1 Python Revision Tour Chapter 2 Python Revision Tour II Chapter 3 Working with Functions Chapter 4 Using Python Libraries Chapter 5 File Handling Chapter 6 Exception Handling Chapter 7 Data Structures - I : Linear Lists
Term-2	PB-1 (November)	Chapter 1 Python Revision Tour I Chapter 2 Python Revision Tour II Chapter 3 Working with Functions Chapter 4 Using Python Libraries Chapter 5 File Handling Chapter 6 Exception Handling Chapter 7 Data Structures - I : Linear Lists Chapter 8 Computer Network I

		Chapter 9 Computer Network II Chapter 10 Relational Databases
	PB - II (December)	Whole Course

Breakup of marks for Formal Assessments

<u>Practical Work</u>	<u>Term-1</u>	<u>Term-2</u>	<u>Final Result</u>
Lab Test	12	12	50% of Term-1 performance+50% of Term-2 Performance
Report file: At least 20 Programs	7	7	
Viva Voce	3	3	
<u>Project Work/ Field Visit</u>			
Project	8	8	
Total(Practical)	30	30	
Total (Theory)	30	30	

SUBJECT : CHEMISTRY

Term	Month	No. of working Days/ IWD	Chapter No. and Name	Sessions per chapter	Total Sessions in a month
Term-1	April	23/23	1. Solution 2. Electrochemistry <u>PRACTICAL</u> - SALT ANALYSIS	15 15 6	36
	May	15/14	3. Chemical Kinetics <u>PRACTICAL</u> -SALT ANALYSIS	14 4	18
	June	7/4	Revision (practical practice)	4	4
	July (Periodic Assessment – I)				
	July	27/27	4.d- and f-Block Elements <u>PRACTICAL</u> - TITRATION	20 16	36
	August	23/20	5.Co-ordination compounds 6. Haloalkane and Haloarenes	17 10	27

September	24/16	7. Alcohol Phenol and Ether 8. Aldehyde Ketone and Carboxylic Acid	10 9	19
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September(Half Yearly Examination)

Term	Month	No. of working Days	Chapter No. and Name	Sessions per chapter	Total Sessions in a month
Term-2	October	20/17	9. Amine 10. Biomolecule	10 10	20
	November	24/24	Revision <u>PRACTICAL</u> - FUNTIONAL GROUP ANALYSIS	20 16	36
	November (Pre Board-I)				
	December	25/24	Pre-Board II to be conducted		
	January		Doubt Clearing Sessions only/Annual Practical Exams for XII		

March-WD-24 (Revision & Annual Examination)

Revision & Annual Examination March -25

Summary for Syllabus Assessment

	Examination	Chapter No. and Name
Term-1	PA-1 (July)	1. Solution 2. Electrochemistry 3. Chemical Kinetics

	Half yearly (September)	1. Solution 2. Electrochemistry 3. Chemical Kinetics 4. d and f block elements 5. Coordination compound
Term-2	PB-1 (November)	1. Solution 2. Electrochemistry 3. Chemical Kinetics 4. d and f block elements 5. Coordination compound 6. Haloalkane and Haloarenes 7. Alcohol Phenol and Ether 8. Aldehyde Ketone and Carboxylic Acid 9. Amine 10. Biomolecule
	PB - II (December)	1. Solution 2. Electrochemistry 3. Chemical Kinetics 4. d and f block elements 5. Coordination compound 6. Haloalkane and Haloarenes 7. Alcohol Phenol and Ether 8. Aldehyde Ketone and Carboxylic Acid 9. Amine 10. Biomolecule

*** Breakup of marks for Formal Assessments**

<u>Scholastic Areas</u>	<u>Term-1</u>	<u>Term-2</u>	<u>Final Result</u>
Internal Assessment	30	30	50% of Term-1 performance+50% of Term-2 Performance
(Practical I)	8	8	
(Practical II)	8	8	
(Practical III)	6	6	
Record	4	4	
Viva vice	4	4	
Half Yearly/Final Exam	70	70	
Total	100	100	

SUBJECT: MATHEMATICS

Term	Month	No. of working Days/ IWD	Chapter No. and Name	Sessions per chapter	Total Sessions in a month
Term-1	April	23/23	1. Relation and functions 2. Inverse trigonometric functions	20 16	36
	May	15/14	3. Matrices 4. Determinants	10 8	18
	June	7/4	5. Continuity and differentiability	8	8
	July (Periodic Assessment – I)				
	July	27/27	5. Continuity and differentiability (Continued) 6. Application of derivatives	12 28	40
	August	23/20	7. Integrals 8. Application of integrals	20 7	27
	September	24/16	9. Differential equation 10. Vector Algebra	10 10	20
	September(Half Yearly Examination)				

Term	Month	No. of working Days	Chapter No. and Name	Sessions per chapter	Total Sessions in a month
	October	20/17	11. Three dimensional Geometry 12. Linear Programming	15 5	27

Term-2

		13. Probability	7	
November	24/24	Revision & PB I to be conducted		
November (Pre Board-I)				
December	25/24	Pre Board II to be conducted		
January		Doubt Clearing Sessions only/Annual Practical Exams for XII		

March-WD-24 (Revision & Annual Examination)

Revision & Annual Examination March -25

Summary for Syllabus Assessment

	Examination	Chapter No. and Name
Term-1	PA-1 (July)	1. Relation and functions 2. Inverse trigonometric functions 3. Matrices 4. Determinants
	Half yearly (September)	1. Relation and functions 2. Inverse trigonometric functions 3. Matrices 4. Determinants 5. Continuity and differentiability 6. Application of derivatives 7. Integrals

		8. Application of integrals 9. Differential equation 10. Vector Algebra
Term-2	PB-1 (November)	1. Relation and functions 2. Inverse trigonometric functions 3. Matrices 4. Determinants 5. Continuity and differentiability 6. Application of derivatives 7. Integrals 8. Application of integrals 9. Differential equation 10. Vector Algebra 11. Three dimensional Geometry 12. Linear Programming 13. Probability
	PB - II (December)	1. Relation and functions 2. Inverse trigonometric functions 3. Matrices 4. Determinants 5. Continuity and differentiability 6. Application of derivatives 7. Integrals

		8. Application of integrals 9. Differential equation 10. Vector Algebra 11. Three dimensional Geometry 12. Linear Programming 13. Probability
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*** Breakup of marks for Formal Assessments**

<u>Scholastic Areas</u>	<u>Term-1</u>	<u>Term-2</u>	<u>Final Result</u>
Internal Assessment	20	20	50% of Term-1 performance+50% of Term-2 performance
Total	100	100	

INTERNAL ASSESSMENT	20 MARKS
Pen Paper Test	10
Lab Activities	5
Portfolio	5

SUBJECT: PHYSICAL EDUCATION

Term	Month	No. of working Days/ IWD	Chapter No. and Name	Sessions per chapter	Total Sessions in a month
Term-1	April	23/23	Unit-1.Management of Sporting Events Unit-2.Children and Women in Sports ❖ Practical session	17 10 05	32
	May	15/14	Unit-3.Yoga as Preventive measure for Lifestyle Disease	10	18

			Unit-4.Physical Education & Sports for (CWSN)	08	
	June	7/4	❖ Practical session	05	05
	July (Periodic Assessment – I)				
	July	27/27	Unit-5.Sports & Nutrition Unit-6.Test and Measurement in Sports Unit-7.Physiology & Injuries in Sport ❖ Practical session	10 12 09 05	36
	August	23/20	Unit-7.Physiology & Injuries in Sport Unit-8. Biomechanics and Sports Unit-9. Psychology and Sports ❖ Practical session	04 10 08 05	27
	September	24/16	Unit-9. Psychology and Sports HALF YEARLY REVISION	10 13	23
	September(Half Yearly Examination)				

Term	Month	No. of working Days	Chapter No. and Name	Sessions per chapter	Total Sessions in a month
Term-2	October	20/17	Unit-9. Psychology and Sports Unit-10. Training in Sports ❖ Practical session	05 14 05	24
	November	24/24	Revision & PB I to be conducted		
	November (Pre Board-I)				
	December	25/24	Pre Board II to be conducted		

	January		Doubt Clearing Sessions only/Annual Practical Exams for XII		
March-WD-24 (Revision & Annual Examination)					
Revision & Annual Examination March -25					

Summary for Syllabus Assessment

	Examination	Chapter No. and Name
Term-1	PA-1 (July)	Unit-1.Management of Sporting Events Unit-2.Children and Women in Sports
	Half yearly (September)	Unit-1.Management of Sporting Events Unit-2.Children and Women in Sports Unit-3.Yoga as Preventive measure for Lifestyle Disease Unit-4.Physical Education & Sports for (CWSN) Unit-5.Sports & Nutrition
Term-2	PB-1 (November)	FULL SYLLABUS Unit-1.Management of Sporting Events Unit-2.Children and Women in Sports Unit-3.Yoga as Preventive measure for Lifestyle Disease Unit-4.Physical Education & Sports for (CWSN) Unit-5.Sports & Nutrition Unit-6.Test and Measurement in Sports Unit-7.Physiology & Injuries in Sport Unit-8. Biomechanics and Sports Psychology and Sports Unit-9. Psychology and Sports

		Unit-10. Training in Sports
	PB - II (December)	FULL SYLLABUS Unit-1.Management of Sporting Events Unit-2.Children and Women in Sports Unit-3.Yoga as Preventive measure for Lifestyle Disease Unit-4.Physical Education & Sports for (CWSN) Unit-5.Sports & Nutrition Unit-6.Test and Measurement in Sports Unit-7.Physiology & Injuries in Sport Unit-8. Biomechanics and Sports Psychology and Sports Unit-9. Psychology and Sports Unit-10. Training in Sports

*** Breakup of marks for Formal Assessments**

<u>Scholastic Areas</u>	<u>Term-1</u>	<u>Term-2</u>	<u>Final Result</u>
PRACTICAL	30	30	50% of Term-1 performance+50% of Term-2 Performance
Half Yearly/Final Exam	70	70	
Total	100	100	

PRACTICAL	30 MARKS
Physical Fitness Test: SAI Khelo India Test, Brockport Physical Fitness Test (BPFT)*	6
Proficiency in Games and Sports (Skill of any one IOA recognized Sport/Game of Choice)**	7
Yogic Practices	7
Record File ***	5
Viva Voce (Health/ Games & Sports/ Yoga)	5

