



**CLASS: XII - A**  
**SUBJECT: MATHEMATICS - 12079**  
**PART I**

S.N.	Month	CHAPTER NAME	Page No.	Dropped Topic
1	Oct.	Chapter – 1- Relation and Functions:	12	1.4 Composition of Functions and Invertible Function (upto This leads to the following definition)
			13-14	Full Page
			15	Example 24 and 25
			16-25	Full Pages
			26	Ques. 12 and 13
			27-28	Examples 45 and 49
			29-31	Ques. 1-3,6-7,9,11-14,18-19
			31-32	Summary Points 11-13 and 15-19
2	July	Chapter – 2- Inverse Trigonometric Functions	42-44	2.3 Properties of Inverse Trigonometric Functions (Except $\sin(\sin^{-1}x) = x, x \in [-1,1]$ $\sin^{-1}(\sin x) = x, x \in \left[-\frac{\pi}{2}, \frac{\pi}{2}\right]$ )Page No. 42-44
			45-47	Examples 4,7 and 8; Alternative Solution of Example 5
			47-48	Ques. 3, 4, 6, 12, 14, 15
			49-51	Examples 10, 11, 12, 13
			51-52	Ques, 8, 12, 17 (Miscellaneous Exercise)
			53	Summary Points 8-13 Page No.
3	March	Chapter 3	90-92	3.7 Elementary Operations

		<b>Matrices</b>		(Transformation ) of a Matrix
			92-97	3.8 1 Inverse of Matrices by Elementary Operations (Retain Ques. 18 of Exercise 3.4)
			98	Example 26
			100-101	Ques. 1-3 and 12 (Miscellaneous Exercise)
			102	Third Last Point of Summary
4	April	<b>Chapter-4 Determinants</b>	109-121	4.3 Properties of Determinants
			137-143	Miscellaneous Examples 30-32 and 34 Ques. 2, 4-6, 11-15 and 17 (Miscellaneous Exercise )
			144	Summary Points 4-11
5	June	<b>Chapter-5 Continuity and Differentiability</b>	165-166	Example - 22 and 23
			168	Example 27
			184-186	5.8 mean value Theorem
			186-187	Exercise 5.8 and Miscellaneous example 44(ii)
			192-193	Ques 19 (Miscellaneous Exercise and Summary points 5 (derivatives of $\cot^{-1} x, \sec^{-1} x, \operatorname{cosec}^{-1} x$ ), 7 and 8
	June	<b>Chapter-6 Application of Derivatives</b>	206-216	6.4 Tangents and Normal's, 6.5 Approximations
			236-238	Examples 45,46
			242-244	Ques. 1, 4-5 and 20-24 (Miscellaneous Exercise)
			245	Points 4-10 in the summary
		<b>Answers</b>	268 -270, 273-274, 276, 282- 283, 284- 285	Answers of Exercises

## SUBJECT: MATHEMATICS

### PART - II

S.NO.	CHAPTER NAME		Dropped Topic
	<b>Chapter. 7</b> Integrals	290-291	Points (xi)-(xiii) in the List of Derivatives
		291-292	7.2.1 Geometrical Interpretation of Indefinite Integral
		298-299	7.2.3 Comparison between Differentiation and Integration
		613-616	7.6.3 Type of integral
		331-334	7.7.1 Definite Integral as the Limit of a sum
		352-354	Ques. 19, 32,40 and 44 Point 2 in the Summary
		355	(xiv) and (xv) in some Standard Integrals
	<b>Chapter – 8</b> Application of Integrals	363-365	8.2.1 The Area Of the Region Bounded by a Curve and a line
		366	Ques. 3 And 6-11 in Exercise 8.1
		366-372	8.3 Area between Two Curves
		373-376	Examples 11, 13 and 14 Ques 2-3,6-7,8-15, 18-19 (Miscellaneous Exercise
		377	Last Two Points of the Summary
	<b>Chapter – 9</b> Differential Equations	385-391	9.4 Formation of Differential Equations whose General Solution is Given
		415-416	Example 25
		420-422	Ques. 3, 5 and 15 (Miscellaneous Exercise), Point Six of the Summary
	<b>Chapter 10</b> Vector Algebra	616-619	10.7 Scalar Triple Product
		619-622	10.7.1 Coplanarity of Three Vectors
	<b>Chapter 11</b> Three Dimensional Geometry	465	11.2.1 Relation between the Direction Cosines of a line
		469-471	11.3.2- Equation of a line Passing through Two Given points, Ques 8-9 (Exercise 11.2)

		477-478	11.6 Plane
		479-497	11.7 Coplanarity of Two lines 11.8 – Angle between Two planes 11.9 – Distance of a point from a line
			11.10 Angle between a line and a plane
		497-499	Ques. 1, 2, 5, 7-8, 10-19,21-23 (Miscellaneous Exercise)
		500-501	Summary points 13, 20-24
		502-503	Full Pages
	<b>Chapter 12 Linear Programming</b>	514-527	12.3 Different Types of Linear Programming Problems
		528-529	Summary points 2-9
	<b>Chapter 13 Probability</b>	557-558	13.6- Random Variables and its Probability Distributions
		558-559	Example 22 and 23
		559-564	13.6.1 Probability Distribution of a random Variable 13.6.2 Mean of Random Variables
		565-571	13.6.3 Variance of a Random Variable
		572-578	13.7 Bernoulli Trials and Binomial Distribution
		579-581	Example 34 and 35
		583	Ques. 5-7, 9-11 (Miscellaneous Exercise)
		585-586	Last 3 points of the Summary
	<b>Answers</b>	594 596-599 601 604-612	Answers of exercises

			CH-7 IDEA OF ALGORITHM EFFICIENCY
5	AUGUST	UNIT -1	CH-8 DATA VISUALISATION USING PYPLOT CH-9 DATA STRUCTURES
6	SEPTEMBER	REVISION	
7	OCTOBER	UNIT III & IV	CH-11 COMPUTER NETWORKS –I CH-12 COMPUTER NETWORKS –II CH-17 SOCIETY LAW AND ETHICS
8	NOVEMBER	REVISION AND PRACTICAL WORK	
9	DECEMBER	REVISION AND PRACTICAL WORK	

**SUBJECT: CHEMISTRY -  
TEACHER'S NAME: RANU JAIN  
SPLIT –UP SYLLABUS 2022-23**

S.NO.	MONTH	UNIT	CHAPTER NAME
1	MARCH	CHAPTER 10&08	<ul style="list-style-type: none"> <li>● The D-And F-Block Elements</li> <li>● Haloalkanes And Haloarenes</li> </ul>
2	APRIL	CHAPTER-2	<ul style="list-style-type: none"> <li>● Solutions</li> </ul>
3	JUNE	CHAPTER-11 & 04	<ul style="list-style-type: none"> <li>● Alcohols, Phenols And Ethers</li> <li>● Chemical Kinetics</li> </ul>
4	JULY	CHAPTER-03 &14	<ul style="list-style-type: none"> <li>● Electrochemistry</li> <li>● Bio molecules</li> </ul>
5	AUGUST	CHAPTER-09 & 12	<ul style="list-style-type: none"> <li>● Aldehydes, Ketones And Carboxylic Acid</li> <li>● Coordination Compounds</li> </ul>
6	SEPTEMBER	REVISION FOR HALF YEARLY	
7	OCTOBER	CHAPTER-13	<ul style="list-style-type: none"> <li>● Organic Compounds Containing Nitrogen</li> </ul>
8	NOVEMBER	Revision And Practical Work	
9	DECEMBER	Revision And Practical Work	

**Note :- Chapter's Numbers are according to old syllabus**

# SBBPS SYLLBUS SPLITUP

## CLASS –XII

### SUBJECT -PHYSICS

S.NO.	MONTH	UNIT	CHAPTER NAME	Page No. & Dropped Topic	
1	MARCH & APRIL	UNIT-1, 2	Electrostatics Charges and fields	2-07  47-50	. 1.2 Electric Charge (delete only activity with paper strips and making electroscope) 1.3 Conductors and Insulators (delete only concept of earthing) 1.4- Charging by Induction Exercises 1.13, 1.25-1.34
2		Unit - 2	Electrostatic potential and capacitance	81 87-92	2.15 Energy Stored in a Capacitor (Delete only derivation) Exercises 2.12 to 2.36
3	JUNE	UNIT- ,3, 4	Ch. 3- Current electricity,	102-103 107-109 112-113 120-124 127-131	3.7- Resistivity of various materials (delete Tables 3.1 and 3.2 and Carbon resistors, Colour code for carbon resistor 3.10 Combinations of Resistors – Series and Parallel Example 3.5 3.15 meter Bridge 3.16 Potentiometer Exercises 3.3, 3.4, 3.10, 3.12, 3.14-3.23
4			Ch. 4- magnetic effect of current	135 140-142 152-153 162-163 170-172	Table 4.1 4.4.1- Velocity Selector 4.4.2 Cyclotron 4.8.2- The Toroid 4.10.3 The Magnetic Dipole Moment of a Revolving Electron Exercises 4.14-4.28
5	JULY	UNIT-5, 6	Cha. 5- Magnetism and matter	176-179  180 185-189 191 194-196 200-203	5.2.2- Bar Magnet as an Equivalent Solenoid (delete only Mathematical treatment) 5.2.3- The Dipole in a Uniform Magnetic Field (delete only Mathematic treatment) Example 5.4 5.4 Earth's Magnetism 5.41- Magnetic Declination and Dip Table 5.2 5.6.2- Paramagnetism (delete only Curie's temperature; and Hysteresis) 5.7 Permanent Magnets and Electromagnets Exercises 5.1, 5.2,5.9-5.11, 5.13-5.25

6			Ch.6- electromagnetic induction	215-219 230-232 240 243	Ch. 6- 6.7 Energy Consideration : A Quantitative Study 6.8 Eddy Currents Exercises 6.6,6.10-6.17 Figure 7.7 Magnetisation and Demagnetization of an Inductor Figure 7.10 charging and Discharging of a Capacitor
7	AUGUST	UNIT 7,8	Ch. 7- Alternating current,	246-247 249-251 255-259 266-268	7.6.2- Analytical Solution (of series LCR circuit) 7.6.3 Resonance (delete only sharpness of Resonance) 7.8 LC Oscillations Exercises 7.6, 7.8, 7.10, 7.12-7.26
8			Ch. 8- electromagnetic wave	273-274 276-278 279-280 287	Example 8.1 ,276-278 8.3.2- Nature of Electromagnetic Waves (delete only about ether and page 277) 8.3.2- Nature of Electromagnetic Waves (delete only about ether and page 277) Example 8.4 and 8.5 Exercises 8.11-8.15
	SEPTEMBER	Unit 9	Ray optics	318 321-322 332-335 346	9.3 Refraction (delete only advanced sunrise and delayed sunset) 9.4.1 (i) Mirage 9.4.1 (ii) Diamond 9.7 Some Natural phenomena due to sunlight 9.7.1 The Rainbow 9.7.2 Scattering of Light Exercises 9.18
9		UNIT -9, 10	Ray optics, optical instrument	368-371 372-376 379-381 383-385	10.6 Diffraction (retain only qualitative treatment) 10.6.3 Resolving power of Optical Instruments 10.6.4 Validity of Ray Optics 10.7.1 Polarisation by Scattering 10.7.2 Polarisation by Reflection Exercises 10.7-10.21



10	OCTOMBER	UNIT-11,	Dual nature of light	388 397 400-404 407-413	Table 11.1 Example 11.3 11.8 Wave Nature of Matter (delete only derivation for de Broglie wavelength of accelerated electron ; and Heisenberg's uncertainty Principle) 11.9- Davisson and Germer Experiment Appendix 11.1 The History of Wave – Particle Flip- Flop Exercises 11.5, 11.7, 11.12 to 11.14,11.16,11.17, 11.19-11.37
		Unit 12	Atoms	421-422 424-426 429, 430 436-437	12.3.1- Spectral Series 12.4 Bohr Model of the Hydrogen Atom (retain only the expression for Radius of nth possible orbit but delete its derivation) 12.5 The Line Spectra of the Hydrogen Atom (retain only qualitative treatment) Example 12.6 Exercises 12.3,12.11-12.17
		Unit 13	Nuclei ,	446-451 452-455 462-466	13.6.1 Law of Radioactive Decay 13.6.2 Alpha Decay 13.6.3 Beta Decay 13.6.4 Gamma Decay 13.7.2 Nuclear Reactor Exercises 13.1, 13.2, 13.6-13.10, 13.12-13.14, 13.18, 13.22-13.31
7	NOVEMBER	UNIT-14	Electronic devices	485-495 497-499	14.8 Special Purpose p-n Junction Diodes 14.9 Digital Electronics and Logic Gates Exercises 14.7-14.15
8	DECEMBER	REVISION	REVISION		

**BIOLOGY - 12083**  
**SPLIT –UP SYLLABUS**

S. No.	Month	Chapter	Page No.	Dropped Topic
1	April	Chapter 2 Sexual Reproduction in Flowering Plants		
2	June	Chapter -3 Human Reproduction		
3		Chapter -4 Reproductive Health		
4	July	Chapter -5 Principals of in heritance and variation		
5		Chpter -6 Molecular Basis of Inheritance		
6		Chapter -7 Evolution		
7	August	Chapter -8 Human Health and Disease		
8		Chapter -10 Microbes in Human Welfare		
9		Chapter -11 Biotechnology : Principles and Processes		
10	September	Chapter -12 Biotechnology and its Application		
11		Chapter 13- Organism And Population	220	13.1 Organism and Its Environments
			221-222	13.1.1 Major A biotic Factors
			223-225	13.1.2 Responses to a biotic factors
			225-226	13.1.3 Adaptations Summary (para 2) Ques. 1, 2, 3, 9, 10, 11, 12
12	October	Chapter 14 Ecosystem	250-252	14.6 Ecological Succession 14.6.1 Succession of Plants
			253-254	14.7 Nutrient cycling

			254-255	14.7.1 Ecosystem Carbon cycle 14.7.2 Ecosystem- Phosphorus cycle
			255	14.8 Ecosystem Services
13		Chapter 15 Biodiversity and conservation		

**SUBJECT: ENGLISH**  
**TEACHER'S NAME: MRS VINTA SHARMA CHAKARVORTHY**

S.No	MONTHS	Flamingo	Vistas	Writing
1	March & April	L-1- The Lost Lesson P – My Mother at Sixty Six	L- 1 The Third Leave	Notice Poster Letter (Informal)
2	June	L-2, Lost Spring	L- 2 The Tiger King	Letter (Contd) Advertisement
3	July	L-3 -. Deep Water P-4- A thing of Beauty	L-3. Journey to the end of the earth L-4 The Enemy L-5 On the force of it	Invitation Article
4	August & September	L-4- The Rattrap L- 5- Indigo	L- 6- On the face of it	Report Job application
5	October	L-6 Poets & Pancakes P- Road side stand	L-7- Evans Tries an O Leave	Debate Speech
6	November	L- 7- The Interview L- 8 – Going Place P- Aunt	L- 8 Memories of Childhood	Revision
7	December	REVISION	Revision	REVISION

**SUBJECT: COMPUTER SCIENCE**  
**TEACHER'S NAME: ARCHANA KALKOTWAR**  
**SPLIT –UP SYLLABUS 2022-23**

S.NO.	MONTH	UNIT	CHAPTER NAME
1	MARCH	UNIT- 3	CH-13 MYSQL REVISION TOUR CH-14 MORE ON SQL
2	APRIL	UNIT- 3	CH-15 CREATING A DJANGO BASIC WEB APPLICATION CH-16 INTERFACE PYTHON WITH MYSQL FINAL PROJECT DISCUSSION
3	JUNE	UNIT-1	CH-1 PYTHON REVISION TOUR-I CH-2 PYTHON REVISION TOUR-II
4	JULY	UNIT 1	CH-4 USING PYTHON LIBRARIES CH-5 FILE HANDLING CH-7 IDEA OF ALGORITHM EFFICIENCY
5	AUGUST	UNIT -1	CH-9 DATA STRUCTURES
6	SEPTEMBER		REVISION
7	OCTOBER	UNIT III & IV	CH-3WORKING WITH FUNCTIONS CH-11 COMPUTER NETWORKS –I CH-12 COMPUTER NETWORKS –II CH-17 SOCIETY LAW AND ETHICS
8	NOVEMBER		REVISION AND PRACTICAL WORK
9	DECEMBER		REVISION AND PRACTICAL WORK