## Annual & Weekly Syllabus Split-Up - 2025-26 Class- X Subject- Physics

S.N	o Month	No. of Working Days		No. of Days	Topic	Sub Topic	Resources	Activity	Mid April Test	Periodic Test 1	Pre Mid Term	Mid Term	Preboard-1	Preboard-2	Practice Test-1	Preboard-3
		23	Week 1	5	Light: Reflection and Refraction	Reflection of light, Reflection of light by curved surfaces, Images formed by spherical mirrors, Centre of curvature, principal axis, principal focus, focal length,	Convex mirror, concave mirror, Optical bench, Pins	Determination of the focal length of concave mirror								
2	APRIL		Week 2	5		mirror formula (Derivation not required), magnification	NCERT, Senses Board,	Prepare Notes								
			Week 3	4		Refraction; Laws of refraction, refractive index. Refraction of light by spherical lens; Image formed	Convex lens, concave lens, Optical bench, Pins	Determination of the focal length of convex lens by obtaining the image of a distant object.	٧							
			Week 4	6		Lens formula(Derivation not required); Magnification. Power of a lens.	Prism, pins, Drawing board	Tracing the path of the rays of light through a glass prism.	٧							
			Week 5	3		Functioning of a lens in human eye, defects of vision and their corrections.	NCERT, Senses Board,	Prepare Notes								
		19	Week 1	0	Human Eye and Colourful											
			Week 2	6		Refraction of light through a prism, dispersion of light, scattering of light, applications in dailylife (excluding colour of the sun at sunrise and sunset).	NCERT, Senses Board, You Tube Videos	Prepare Notes								
3	JUNE		Week 3	6	Electricity	Electric current, Potential difference and electric current.	ohms law setup, Senses board, Ncert	Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I.								
			Week 4	6		Ohm's law, Resistance, Resistivity, Factors on which the resistance of a conductor depends.	Senses board, Ncert	Prepare Notes								
			Week 5	1		Exercise	Senses board, Ncert	Numericals		٧						
			Week 1	5		Series combination of resistors, parallel combination of resistors and its applications in daily life.	Senses board, Ncert	Determination of the equivalent resistance of two resistors when connected in series and parallel.		٧						
			Week 2	6		Heating effect of electric current and its applications in daily life.	Senses board, Ncert	Prepare Notes								
4	JULY	27	Week 3	6	6	Electric power, Interrelation between P, V, I and R.	Diagrams and Charts to explain list of formula use in electric power	Prepare Notes								
			Week 4	6	Magnetic effects of electric	Magnetic field, field lines	Diagrams and Charts to explain list of formula use in magnetism	Prepare Notes								
			Week 5	4	current	Field due to a current carrying conductor	Explain and diagram related to topic	Prepare Notes								

				Week 1	2		PRE MID TERM EXAM	PRE MID TERM EXAM			٧					
				Week 2	5		PRE MID TERM EXAM	PRE MID TERM EXAM			٧					
				WEEKE		Magnetic	Field due to current carrying coil or solenoid	Explain and diagram related								
						effects of										
				Week 3				to topic	Prepare Notes							
					5	electric										
					5	current										
5		AUGUST	23			Light:										
				Week 4		Reflection and										
						Refraction										
					6		Revision	Revision	Revision							
				14/I-F		Human Eye										
				Week 5		and Colourful										
					5	world	Revision	Revision	Revision							
				Week 1	5							٧				
				Week 2	6		MID TERM EXAM	MID TERM EXAM				V				
							Force on current carrying conductor, Fleming's Left	Explain and diagram related								
				Week 3	6		Hand Rule	to topic	Prepare Notes							
6	SE	EPTEMBER	25		U		naliu kule				1	1				
				l				Use of flow chart to								
				Week 4	_	Magnetic		Differentiate between the	Prepare Notes							
					6	effects of	Direct current. Alternating current:	AC and DC curents								
	_			Week 5	2	electric										
				Week 1	1	current	Frequency of AC. Advantage of AC over DC.	Discuss the importance of	Prepare Notes							
7				WCCKI	3	current	Trequency of Ac. Advantage of Ac over De.	AC over DC	Trepare Notes							
								Explain and diagram related								
	.   _	OCTOBER	13	Week 2				to topic, SENSES, NCERT	Prepare Notes							
		OCTOBER	13		6		Domestic electric circuits.									
				Week 3	4		Exercise	NCERT, Senses Board,	Numericals							
				Week 4	0			, , , , , , , , , , , , , , , , , , , ,								
			1	Week 5	0											
				Week 1	0						-	-				
				Week 2	5	PB-1					-	-	N.			
				Week 3	6	PB-1							.,			
8	N	OVEMBER	23	Week 4	6	PB-1					-	-	۷			
				week 4	0	PB-1		LIGERY C. D. I					V			
				Week 5	_			NCERT, Senses Board,								
	_			6	6	Revision	Revision	Sample Papers								
				Week 1				NCERT, Senses Board,								
					6	Revision	Revision	Sample Papers								
9	DI	ECEMBER	20	Week 2	6	PB-2								٧		
	-			Week 3	6	PB-2								٧		
				Week 4	6	Practice Test-1									٧	
				Week 5	3	Practice Test-1				<u> </u>					٧	
	1			Week 1	0	<u> </u>										
10				Week 2	6	PB-3										٧
		LANILLADY	22	Week 3	5	PB-3										٧
		JANUARY	22													٧
1	,   ,			Week 4	6	PB-3										
1	, ,				6	PB-3		NCFRT, Senses Board.								
1	,			Week 4 Week 5			Revision	NCERT, Senses Board,	Previous Year OP/ Sample Papers Solution							
	, ,			Week 5	6 5	PB-3 Revision	Revision	Sample Papers	Previous Year QP/ Sample Papers Solution							
					5	Revision		Sample Papers NCERT, Senses Board,								
				Week 5			Revision Revision	Sample Papers NCERT, Senses Board, Sample Papers	Previous Year QP/ Sample Papers Solution Previous Year QP/ Sample Papers Solution							
		ERRIJARV		Week 5	5 6	Revision Revision	Revision	Sample Papers NCERT, Senses Board, Sample Papers NCERT, Senses Board,	Previous Year QP/ Sample Papers Solution							
1		EBRUARY	23	Week 5 Week 1 Week 2	5 6	Revision		Sample Papers NCERT, Senses Board, Sample Papers								
		EBRUARY		Week 5 Week 1 Week 2 Week 3	5 6 6 5	Revision Revision	Revision	Sample Papers NCERT, Senses Board, Sample Papers NCERT, Senses Board,	Previous Year QP/ Sample Papers Solution							
		EBRUARY		Week 5 Week 1 Week 2 Week 3 Week 4	5 6 6 5 6	Revision Revision	Revision	Sample Papers NCERT, Senses Board, Sample Papers NCERT, Senses Board,	Previous Year QP/ Sample Papers Solution							
		EBRUARY		Week 5 Week 1 Week 2 Week 3 Week 4 Week 5	5 6 6 5 6 0	Revision Revision	Revision	Sample Papers NCERT, Senses Board, Sample Papers NCERT, Senses Board,	Previous Year QP/ Sample Papers Solution							
		EBRUARY		Week 5 Week 1 Week 2 Week 3 Week 4 Week 5 Week 1	5 6 6 5 6 0 5	Revision Revision	Revision	Sample Papers NCERT, Senses Board, Sample Papers NCERT, Senses Board,	Previous Year QP/ Sample Papers Solution							
11	1 FI		23	Week 5 Week 1 Week 2 Week 3 Week 4 Week 5 Week 1 Week 2	5 6 5 6 0 5 6	Revision Revision	Revision	Sample Papers NCERT, Senses Board, Sample Papers NCERT, Senses Board,	Previous Year QP/ Sample Papers Solution							
	1 FI	FEBRUARY MARCH		Week 5 Week 1 Week 2 Week 3 Week 4 Week 5 Week 1 Week 2 Week 3	5 6 6 5 6 0 5 6 5	Revision Revision	Revision	Sample Papers NCERT, Senses Board, Sample Papers NCERT, Senses Board,	Previous Year QP/ Sample Papers Solution							
1	1 FI		23	Week 5 Week 1 Week 2 Week 3 Week 4 Week 5 Week 1 Week 2 Week 3 Week 4	5 6 5 6 0 5 6	Revision Revision	Revision	Sample Papers NCERT, Senses Board, Sample Papers NCERT, Senses Board,	Previous Year QP/ Sample Papers Solution							
1:	1 FI		23	Week 5 Week 1 Week 2 Week 3 Week 4 Week 5 Week 1 Week 2 Week 3	5 6 6 5 6 0 5 6 5	Revision Revision	Revision	Sample Papers NCERT, Senses Board, Sample Papers NCERT, Senses Board,	Previous Year QP/ Sample Papers Solution							