

**BASAVA INTERNATIONAL SCHOOL
SYLLABUS BREAKUP SESSION 2026-27**

**CLASS XII
SUBJECT-PHYSICS**

NEW SESSION BEGINS ON 1st APRIL 2026

S.NO	DURATION	NO. OF TEACHING DAYS	THEORY	PRACTICAL/ ACTIVITY	WEIGHTAGE IN BOARD
2	1 st April-15 th April	9	Unit 1: Electrostatics	To determine resistance per cm of a given 2-3 wires by plotting a graph of potential difference versus current.	
3	16 th April-30 th April	13	Unit 1: Electrostatics Unit 2: Current & Electricity	To find resistance of a given wire using Whetstone's bridge (meter bridge) & hence determine the specific resistance of the material	
4	1 st May- 15 th May	12	Unit 3: Magnetic Effects of current	To verify the laws of combination (series & parallel) of resistances using meter bridge (slide Wire Bridge)	
5	16 th May – 22 nd May	5	Unit 4: Magnetic properties of matter	To find the focal length of a convex lens by plotting a graph: (i) between u and v (ii) between 1/u and 1/v	
SUMMER VACATIONS: 22nd MAY – 30th JUNE 26					
6	1 st July- 15 th July	11	Unit 5: Electromagnetic Waves	To find the focal length of a concave lens using a convex lens.	
7	16 th July-31 st July	14	Unit 6: EMI & AC	To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence & angle of deviation.	
UNIT TEST I: 13th JULY 2026					
8	1 st Aug- 15 th Aug	10	Unit 7: OPTICS	V-I characteristic curve for P-N junction diode.	
9	16 th Aug- 31 st Aug	11	Unit 8: ATOM & Unit 9: NUCLII	To determine the resistance of a galvanometer by half-deflection method & to find	

			Unit 10: OPTICS	its figure of merit	
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SYLLABUS COMPLETION FOR TERM I EXAMINATION: 29thAUG 2026					
10	1 st Sept-8 th Sept	4	REVISION		
TERM I EXAMINATION – 10th SEPT- 30th SEPT 26					
11	1 st Oct- 15 th Oct	11	Unit 11: Semiconductor		
SYLLABUS COMPLETION FOR BOARD EXAMINATION – 31st OCT 26					
12	16 th Oct-31 st Oct	10	REVISION		
AUTUMN BREAK- 17th– 20th OCT 206					
13	1 st Nov -15 th Nov	7	REVISION		
DIWALI BREAK: 6 TH NOVEMBER 2026 - 11 TH NOVEMBER 2026					
PRE BOARD I EXAMINATION (NOVEMBER) PRE BOARD II EXAMINATION (DECEMBER) WINTER BREAK- 30th DEC – 14th JAN 26					

TOTAL TEACHING DAYS: 138

SYLLABUS FOR ASSESSMENT

EXAM	DATE	SYLLABUS
UNIT TEST 1	August 10,2026	Unit 1: ELECTOSTATICS Unit 2: CURRENT & ELECTRICITY Unit 3: MAGNETIC EFFECTS OF CURRENT Unit 4: MAGNETISM & MATTER
TERM I EXAMINATION	SEPTEMBER 2026	Unit 1: ELECTOSTATICS Unit 2: CURRENT & ELECTRICITY Unit 3: MAGNETIC EFFECTS OF CURRENT

		Unit 4: MAGNETISM & MATTER
PRE BOARD 1 EXAMINATION	NOVEMBER 2026	Full Syllabus
PRE BOARD 2 EXAMINATION	DECEMBER 2026	Full Syllabus