GOVIND VIDYALAYA TAMULIA
SPLIT UP SYLLABUS 2017-2018

SCIENCE

SPLIT UP SYLLABUS TERM I : APR '2017 - SEPT 2017

CLASS : XII — NAME OF THE PUBLISHER & BOOK : SARASWATI

SUBJECT : SCIENCE (Physics) — NO. OF LESSONS : **14**

MONTH	NO. OF WORKING DAYS	NO. OF LESSONS	NAME OF THE LESSONS	% OF SYLLABUS COVERED	CUMULATIVE % OF SYLLABUS COVERED	PROJECT /ACTIVITIES
APRIL	22	2	Electrostatic Charges and Fields Electrostatic Potential & Capacitance	14.29%	14.29%	
MAY	12	1.5	Current electricity Moving charges & Magnetism	10.71%	25.00%	
JUNE	14	1.5	Moving charges & Magnetism contd. Magnetism & Matter	10.71%	35.71%	
JULY	25	3	Electromagnetic induction Alternating current Electromagnetic waves	21.43%	57.14%	
AUGUST	23	2	Ray optics & optical instruments Wave optics	14.29%	71.43%	
September	8	0	**REVISION**	0.00%	71.43%	

SPLIT UP SYLLABUS TERM II : OCT '2017 - MARCH 2018

CLASS : IX — NAME OF THE PUBLISHER & BOOK : SARASWATI

SUBJECT : SCIENCE (Physics) — NO. OF LESSONS : **02**

MONTH	NO. OF WORKING DAYS	NO. OF LESSONS	NAME OF THE LESSONS	% OF SYLLABUS COVERED	CUMULATIVE % OF SYLLABUS COVERED	PROJECT /ACTIVITIES
October	18	2.5	Dual nature of Radiation & matter Structure of Atoms Semiconductor electronics	17.86%	89.29%	
November	22	1.5	Semiconductor electronics contd. Communication system	10.71%	100.00%	
December	16	0	**REVISION**	0.00%	100.00%	
January	22	0		0.00%	100.00%	
February	19	0				

XII - PRACTICAL	
TERM - 1	
1	Ohm's law, Resistance/cm; V - I graph
2	Specific Resistance of a wire
3	Verification of laws of combination of resistances
4	Comparing emf of two given cell
5	Determination of Internal resistance of a primary cell
6	Resistence of a Galvanometer by half- deflection method
7	Converting a Galvanometer into an ammeter or voltmeter.

TERM - 2	
1	Find the value of V for diff - U for a concave lens.
2	Find the focal length of a convex mirror using a convex lens.
3	Find the 'f' of a convex lens - U-V graph
4	Find the 'f' of a concave lens using a convex lens.
5	Find the L of min deviation for a given prism.
6	Find the 'μ' of a glass slab by travelling microscope
7	Drawing a I - V characteristic curve of a p-n junction
8	Drawing a I - V characteristic curve of a zener diode