

**DON BOSCO SCHOOL, ALAKNANDA****SYLLABUS 2017–18****CLASS: XII****SUBJECT: PHYSICS**

TERM I

PERIODIC TEST I / QUARTERLY EXAMS	
CHAPTER NO.	TITLE OF THE CHAPTER
1.	Electric Charges and Fields
2.	Electrostatic Potential and Capacitance
3.	Current Electricity
4.	Moving Charges and Magnetism

PERIODIC TEST II / HALF YEARLY EXAMS	
CHAPTER NO.	TITLE OF THE CHAPTER
5.	Magnetism and Matter
6.	Electromagnetic Induction
7.	Alternating Current
8.	Electromagnetic Waves
9.	Ray Optics and Optical Instruments

ACTIVITY	
	Practical Experiments and activities in the Laboratory

TERM II

PERIODIC TEST III / PRE-ANNUAL EXAMS	
CHAPTER NO.	TITLE OF THE CHAPTER
10.	Wave Optics
11.	Dual Nature of Radiation and Matter
12.	Atoms
13.	Nuclei
14.	Semiconductor Electronics: Materials, Devices and Simple Circuits
15.	Communication System.

ANNUAL EXAMS	
CHAPTER NO.	TITLE OF THE CHAPTER
	Complete Syllabus – Chapter 1 to Chapter 15

ACTIVITY	
	Practical Experiments and activities in the Laboratory. Physics Project.