

# PHYSICS (52)

## BIFURCATED SYLLABUS

### SCIENCE Paper - 1

(As per the Reduced Syllabus for ICSE - Class X Year 2022 Examination)

SEMESTER 1 (Marks: 40)			SEMESTER 2 (Marks: 40)		
UNIT NO.	NAME OF THE UNIT	NAME OF THE SUB-UNIT	UNIT NO.	NAME OF THE UNIT	NAME OF THE SUB-UNIT
1.	<b>Force, Power and Energy</b> (Complete Unit)		3.	<b>Sound</b>	(ii) Natural vibrations, Damped vibrations, Forced vibrations and Resonance - a special case of forced vibrations. (iii) Loudness, pitch and quality of sound.
2.	<b>Light</b> (Complete Unit)		4.	<b>Electricity and Magnetism</b> (Complete Unit)	
3.	<b>Sound</b>	(i) Reflection of Sound Waves; echoes: their use; simple numerical problems on echoes.	5.	<b>Heat</b> (Complete Unit)	
			6.	<b>Modern Physics</b> (Complete Unit)	