



INDIAN SCHOOL MUSCAT
SENIOR SECTION
DEPARTMENT OF PHYSICS
CLASS-XI
YEAR PLAN 2022-2023
Subject (Code: 042)

UNIT No.	Unit	Marks
I	PHYSICAL WORLD AND MEASUREMENT	23
II	KINEMATICS	
III	LAWS OF MOTION	
IV	WORK, ENERGY AND POWER	17
V	MOTION OF SYSTEM OF PARTICLE AND RIGID BODY	
VI	GRAVITATION	
VII	PROPERTIES OF BULK MATTER	20
VIII	THERMODYNAMICS	
IX	BEHAVIOUR OF GASES AND KINETIC THEORY OF GASES	
X	OSCILLATIONS AND WAVES	10
	TOTAL (Theory)	70

PRACTICAL – 30 Marks

MONTH	UNIT
25th May 2022 onwards	UNIT-1 PHYSICAL WORLD AND MEASUREMENT Chapter–2: Units and Measurements
June 2022	UNIT-II KINEMATICS Chapter–3: Motion in a Straight Line
August 2022	UNIT-II KINEMATICS (continued) Chapter–4: Motion in a Plane UNIT-III LAWS OF MOTION Chapter–5: Laws of Motion
September 2022	UNIT-III LAWS OF MOTION Chapter–5: Laws of Motion (continued) UNIT-IV WORK, ENERGY AND POWER Chapter–6: Work, Energy and Power UNIT-V MOTION OF SYSTEM OF PARTICLE AND RIGID BODY Chapter–7: System of Particles and Rotational Motion First Periodic Test from 11th September 2022

October 2022	UNIT-V MOTION OF SYSTEM OF PARTICLE AND RIGID BODY Chapter–7: System of Particles and Rotational Motion (continued) UNIT-VI GRAVITATION Chapter–8: Gravitation UNIT-VII PROPERTIES OF BULK MATTER Chapter–9: Mechanical Properties of Solids
November 2022	UNIT-VII PROPERTIES OF BULK MATTER (continued) Chapter–10: Mechanical Properties of Fluids Half Yearly Exam from 22nd November 2022
December 2022	UNIT-VII PROPERTIES OF BULK MATTER (continued) Chapter–11: Thermal Properties of Matter UNIT-VIII THERMODYNAMICS Chapter–12: Thermodynamics
January 2023	UNIT-IX BEHAVIOUR OF GASES AND KINETIC THEORY OF GASES Chapter–13: Kinetic Theory UNIT-X OSCILLATIONS AND WAVES Chapter–14: Oscillations Chapter–15: Waves Second Periodic Test from 9th January 2023
February 2023	REVISION ANNUAL EXAM BEGINS IN FEBRURARY 2023
March 2023	
