

Revision (5–6 weeks from exam)

Session	Topic	Subtopic	Important lessons	Done
1	Motion and Relativity	Linear Motion Revision	<u>Analysing Vectors</u> , <u>SUVAT Examples</u>	<input type="radio"/>
		Projectile Motion	<u>Projectile Motion Relationships</u> , <u>Projectile Motion Examples (Part 1)</u> and <u>(Part 2)</u>	<input type="radio"/>
2		Newton’s Law Revision	<u>Net Force and Equilibrium</u>	<input type="radio"/>
		Momentum	<u>Conservation of Momentum</u>	<input type="radio"/>
3		Circular Motion	<u>Centripetal Acceleration and Force</u>	<input type="radio"/>
		Gravity	<u>Introduction to Transformers</u>	<input type="radio"/>
		Orbits	<u>Orbits</u> , <u>Kepler’s Laws – Exam Application</u>	<input type="radio"/>
4		Relativity	<u>Inertial Frames of Reference</u> , <u>Length Contraction</u> , <u>Time Dilation</u> , <u>Mass-Energy Equivalence</u> and <u>Special Relativity</u>	<input type="radio"/>
5	Electricity and Magnetism	Electric Fields	<u>Coulomb’s Laws</u> , <u>Work and Charge</u>	<input type="radio"/>
		Magnetic Fields	<u>Charged Particles in Magnetic Fields</u>	<input type="radio"/>
6		Electromagnetic Induction	<u>Lenz’s Law</u>	<input type="radio"/>
		Electromagnetic Waves		<input type="radio"/>
7	Light and Atoms	Superposition and Diffraction	<u>Introduction to Superposition</u> , <u>Young’s Double Slit Experiment</u>	<input type="radio"/>
		Wave-Particle Duality and Quantum Physics	<u>Evidence Suggesting a New Model of Light</u> , <u>The Photoelectric Effect (Part 1)</u> , <u>The Photoelectric Effect (Part 2)</u>	<input type="radio"/>
8		The Quantum Model of the Atom	<u>Line Spectra and Electron Energy Levels</u>	<input type="radio"/>
		The Standard Model	<u>Conservation Laws in Particle Interactions</u>	<input type="radio"/>

Practice (3–4 weeks from exam)

Session	Topic	Subtopic	Confidence	Done
9	Motion and Relativity	Linear Motion Revision	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Projectile Motion	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
10		Newton's Law Revision	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Momentum	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
11		Circular Motion	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Gravity	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Orbits	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
12		Relativity	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
13	Electricity and Magnetism	Electric Fields	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Magnetic Fields	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
14		Electromagnetic Induction	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Electromagnetic Waves	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
15	Light and Atoms	Superposition and Diffraction	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		Wave-Particle Duality and Quantum Physics	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
16		The Quantum Model of the Atom	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>
		The Standard Model	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div></div>