

CIE AS Physics

TOPIC CHECKLIST

Section	Topic	Studied (✓ / X)	Notes (✓ / X)	Multiple Choice (%)	Theory (%)
1. Physical Quantities & Units	Physical Quantities & Units				
	Measurements & Errors				
2. Kinematics	Equations of Motion				
3. Dynamics	Newton's Laws of Motion				
	Linear Momentum & Conservation				
4. Forces, Density & Pressure	Forces: Turning Effects & Equilibrium				
	Forces: Density & Pressure				
5. Work, Energy & Power	Energy: Conservation, Work, Power & Efficiency				
	Energy: GPE & KE				
6. Deformation of solids	Deformation: Stress & Strain				
	Deformation: Elastic & Plastic Behaviour				
7. Waves	Waves: Transverse & Longitudinal				
	Transverse Waves: EM Spectrum & Polarisation				
8. Superposition	Stationary Waves				
	Diffraction & Interference				
9. Electricity	Current & Potential Difference				
	Resistance				
	Resistivity				
10. D.C. circuits	DC: Practical Circuits & Kirchhoff's Laws				
	DC: Potential Dividers				
11. Particle Physics	Atoms, Nuclei & Radiation				
	Fundamental Particles				