

Tick one box per statement: ☐ not yet ☐ nearly ☐ confident. / /

1. Mechanics and Materials

1.1 Motion graphs and uniform acceleration (statements 1–3) (1–3)

☐☐☐ Motion graphs and uniform acceleration (statements 1–3)

1.2 Vectors, resolution and projectile motion (statements 4–7) (4–7)

☐☐☐ Vectors, resolution and projectile motion (statements 4–7)

1.3 Forces, Newton's laws and free-body diagrams (statements 8–12, core practical 1) (8–121)

☐☐☐ Forces, Newton's laws and free-body diagrams (statements 8–12, core practical 1)

1.4 Momentum and its conservation (statements 13–14) (13–14)

☐☐☐ Momentum and its conservation (statements 13–14)

1.5 Moments and equilibrium (statements 15–16) (15–16)

☐☐☐ Moments and equilibrium (statements 15–16)

1.6 Work, energy, power and efficiency (statements 17–22) (17–22)

☐☐☐ Work, energy, power and efficiency (statements 17–22)

1.7 Fluids: density, upthrust and viscous drag (statements 23–26, core practical 2) (23–262)

☐☐☐ Fluids: density, upthrust and viscous drag (statements 23–26, core practical 2)

1.8 Solid materials: Hooke's law, stress–strain and strain energy (statements 27–32, core practical 3) (27–323)

☐☐☐ Solid materials: Hooke's law, stress–strain and strain energy (statements 27–32, core practical 3)