

Sec 4 Preliminary Examination 2021
Science Practical
Physics 6091

Preparatory List

Section A

	Apparatus / Item	Qty
Q1	50.0 cm ³ measuring cylinder	1
	a Styrofoam cup placed inside a 600 cm ³ beaker (for support)	1
	Thermometer, labelled A	1
	Thermometer, labelled B	1
	A pebble tied to a thread (around 40 cm long)	1
	Hot water in a thermal flask (around 80 °C)	1
	250 cm ³ beaker	1
	Bunsen burner	1
	Lighter	1
	Tripod stand	1
	Wire gauze	1
	Stop watch	1
	Retort stand with boss and clamp	1

Q2	1.5 V battery with battery holder	1
	Switch	1
	Filament bulb in a holder	3
	Ammeter	1
	Voltmeter	1
	5 Ω resistor, labelled X	1
	Connecting wires	9

Section B

Q3	Rectangular glass block	1
	White plain paper	1
	Plane mirror	1
	Protractor	1
	30-cm ruler	1
	Softboard	1
	Optical pins	2