

**Broadrick Secondary School
Science Department
2024 4E Preliminary Science Practical Examinations**

Physics 6091/03

Date: 16 August 2024 (Fri) Venue: Chemistry Lab 1

Time: 0750 – 0940 (Shift 1) & 1030 – 1220 (Shift 2)

List of apparatus prepared for each candidate are as follows:

QUESTION 1

Item	Description	Quantity
1	a spring	1
2	a 30 cm ruler	1
3	a card displaying the mass of the spring	1

QUESTION 2

Item	Description	Quantity
1	a measuring cylinder containing cooking oil	1
2	a piece of Blu-Tack attached to a length of string	1
3	a stopwatch	1
4	a thermometer	1
5	a 30 cm ruler	1
6	paper towels	1

QUESTION 3

Item	Description	Quantity
1	a power supply	1
2	an ammeter	1
3	a voltmeter	1
4	a lamp	1
5	a resistance wire attached to a metre rule	1
6	a switch	1
7	leads and crocodile clips	6
8	connecting lead with crocodile clip H attached	1
