**232/3 MECS – TERM 1 2021` PHYSICS CONFIDENTIAL**

**QUESTION 1**

* A rectangular glass block.
* Four optical pins.
* Soft board.
* A plain paper.
* 4 thumb tacks.
* Ruler and protractor

**QUESTION 2**

* A metre rule.
* One 50 g mass and one 100 g mass
* A stand with bosses
* 90 cm3 of water in a 100 ml beaker
* Three threads
* 90 cm3 of paraffin labelled liquid L in a 100ml beaker
* Tissue paper
* A cell and a cell holder
* A resistance wire on millimeter scale
* Six connecting wires with crocodile clips each
* An Ammeter (0 – 1 A)
* A voltmeter (0 - 3 V)
* A micrometer screw gauge
* A switch