

2023 H2 PHYSICS PRELIM P4

Apparatus Lists for Q1-3

<u>Q1</u> 1. Stand 2. Boss 3. Clamp 4. Optical pin with cork 5. 30 cm rule 6. Pendulum bob with string 7. Card 8. Scissors	<u>Q2</u> 1. 1.5 V dry cell in holder 2. Switch 3. 0 - 200 mA multimeter 4. Seven connecting leads 5. Two resistors X 6. One each of the following labelled resistors: 10 Ω , 12 Ω , 15 Ω , 22 Ω , 27 Ω and 33 Ω	<u>Q3</u> 1. One ping-pong ball in container. 2. One protractor. 3. One 30 cm ruler. 4. One sheet of paper with outline of a cone. 5. One pair of scissors. 6. One roll of adhesive tape. 7. One paper cone.
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(A-level 2021 P4 Q1) (A-level 2021 P4 Q2) (A-level 2017 P4 Q3)