

S.4 Practical physics paper 535/3
Resourceful Mock examinations 2017

Apparatus required

Question 1

1 metre rule labeled X, 1 metre rule labeled Y, 1 half-metre rule, 2 pieces of wood each about 3cm by 1cm by 1cm, 1 pendulum bob, 2 pieces of thread each about 50cm long, 1 piece of thread about 110cm long, 1 retort stand with clamp, 1 stop clock or stop watch

Question 2

1 converging lens labeled L_1 ($f = 15.0\text{cm}$), 1 torch bulb in a holder, 1 piece of card board mounted vertically and having wire gauze covering a hole in it, 1 white screen, 1 metre rule, 2 dry cells (each 1.5V) in a holder, 1 switch, 1 retort stand with a clamp, 4 pieces of connecting wire, 1 plane mirror, 2 pieces of wood 5cm x 1cm x 3cm, 1 lens holder, 1 switch labeled K

Question 3

1 centre-zero galvanometer, 2 dry cells (each 1.5V), 1 jockey, 1 switch labeled K, 1 double cell holder, 1 metre bridge, 14 pieces connecting wire, 1 torch bulb (2.5V, 0.30A) in a holder, 1 rheostat (0 - 50 Ω), labeled R, 1 voltmeter (0 – 2.5V).