

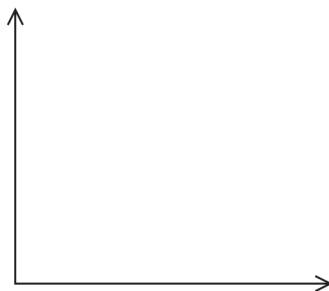
**DO NOT WRITE IN THIS AREA**

DO NOT WRITE IN THIS AREA

- DO NOT WRITE IN THIS AREA**

Diagram illustrating the experimental setup for measuring the acceleration due to gravity. A ball bearing is suspended at point A by a string of length  $l$ . A timer is connected to the setup to measure the time taken for the ball bearing to fall.

(5)



**(Total for Question 11 = 5 marks)**