Question 16 (continued)

Outline TWO changes that could be made to the experimental procedure that 2 (a) would improve its accuracy. times, record calculate the nendulum to suring 10 the AIL and divide it by to resid. This decreases systematic errors hne for One experiment stimes for each length erage of the 5 reachings. Heen find an average of Compare Kim's and Ali's methods of calculating g and identify the better 3 (b) approach. 115 live o converge Nie atte titte MU 3 a Calculate the value of g from the line of best fit on Ali's graph. (c)  $\mathcal{b}$ 0.242 live = -2 4.17 ..... - [7 End of Question 16 g = 9.47 m

Marks