Question 16 (continued)

Outline TWO changes that could be made to the experimental procedure that 2 (a) would improve its accuracy. periods (T) of the pendulum ten e increase average this would iracy an alter the by errors cause ac ret exs. of the and toke strina length 0 the LACREASE Compare Kim's and Ali's methods of calculating g and identify the better (b) approach. Kim found the mean value tor the ble the Isina encure Way Tormula tormula or to missusing the errors due still ot SUP errors as es the techi graphina the table from the line of best fit on Ali's graph. ositioned Calculate the value of Dà (c) g 21(0.10)0.1 value 3 216 T2

End of Question 16

Marks