BOARD OF STUDIES (0a) ) ar P= 1000 , a = 6%, n=2  $a = P(1 + \frac{\Gamma}{100})^{N}$ = 1000 (1.06) - \$199723816126390 = \$1060 after 1 year (thegining cheginming of second year) i) 111) n=10, a=1000 P. T. O 01WB4

BOARD OF STUDIES b) i) (lair = farmhouse + 104 m cost = 250 x= 256 Bus : Bus to clair (1) 2000ms-1 = 133.33 sec 15m51 = 2.22 min. Clair to road From 260 = \$255ec 266 sec (056 Am = 1.000m. 4.243m. 8:00+2.22min school lans leaves 2 8 am, at & Clairs by 8:02:22 Clair at road at bouse-farmhouse + 1009 4.43 8:02:22 - 2000 = 2000 : 1\$ 900 7:56:21 Lastest time clair can leave farmhouse is SUDDIE SOL am 01WB4