$$\begin{aligned} \text{Auterian 5} & \text{Zoronscipatinentiatics} & \text{Band 1/2} \\ \text{Starthere for } & \text{Outeston Number: 9} \\ \text{a)} & \text{A} = P(1+r)^n \\ r = 0.5 \text{ M} = 6 \\ n = 340^{+3} = 13 \\ P = 2(1+r)^n \\ = 500(1+6)^{1/2} \\ = \\ \text{A}_1 = 500 \times (1+6)^{1/2} \\ = \\ \text{A}_1 = \\$$

Question 9

Band 1/2

Sample_2 b. y (0)=0 i. To be increasing, of (2)>0 $A=4u^2$ ii. maximum value of f(x) = 6 iii. f(6) = -3iv. f'(x) = parabola, f(x) = obique.Additional writing space on back page.

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