ARD OF STUDIES 2 ------ y= 1 -, 202\* 2(0) y'= m of tangent = 2 e of tangent , y= 2x+1, 2x-y+1=0 b) d x si nx = x \* denx + sinor - dy x sin 1 + Ising × - In 25 - 235 (25)<sup>2</sup> (ii) x - 2xlnx 2 1 3 1 - 2x y 3 - y Z <u>cos 32</u> d)al 3x dx =  $(i) \int_{a}^{b} (e^{sx} - 1) dx$  $\frac{1}{5} \left[ 5e^{5x} - 1 \right]_{0}^{2}$ 1 [5e5-1] - [Sei-1] +[741.07]-[4] = 147.41