RD OF STEDIES a) 322+2x+h=0 6) A 47 B T 2 2MC = 2 CLM = 2° (Isoscelus #riangle) i) & L'LCM = LABC = 200 180-220 (ij c) i) y=3 sin 22 for - = ≤ x ≤ = 3 2 ELT 1 15 (i) $\int_{0}^{\frac{\pi}{4}} (3 \sin 2x - \frac{1}{4}x) dx$ = $\left[-\frac{2}{2} \cos 2x - \frac{\pi}{4} x^{-3} \right]_{0}^{\frac{\pi}{4}}$ $= \left[\left(-\frac{3}{2} \cos \frac{\pi}{2} - \frac{\pi}{2} \right) + \left(-\frac{3}{2} \cos 0 - 0 \right) \right] = \left[\left(-\frac{3}{2} \times \frac{1}{2} - \frac{\pi}{2} \right) - \left(-\frac{3}{2} \cos 0 - 0 \right) \right]$ =-3-FL - 2 01WB4