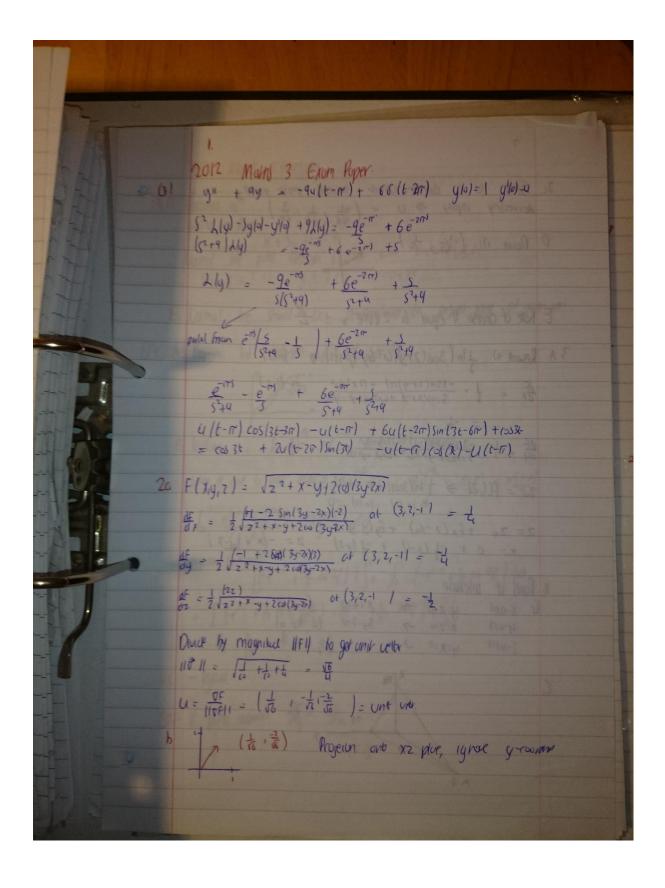
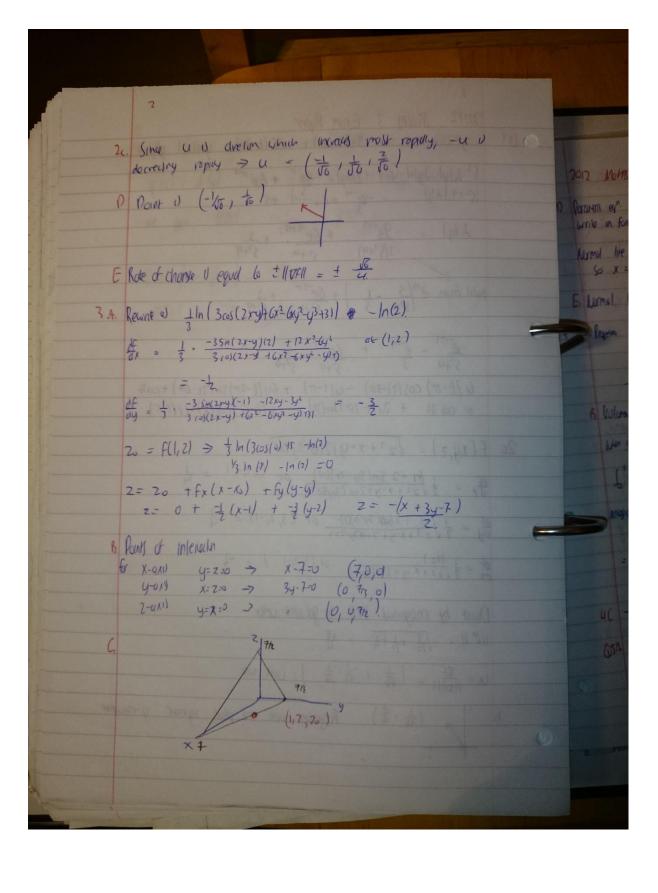
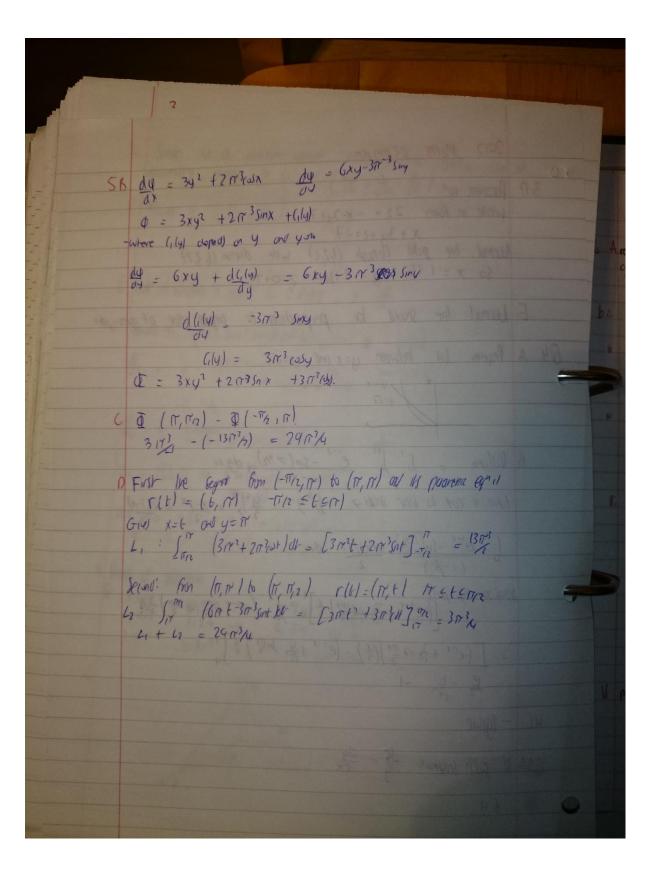


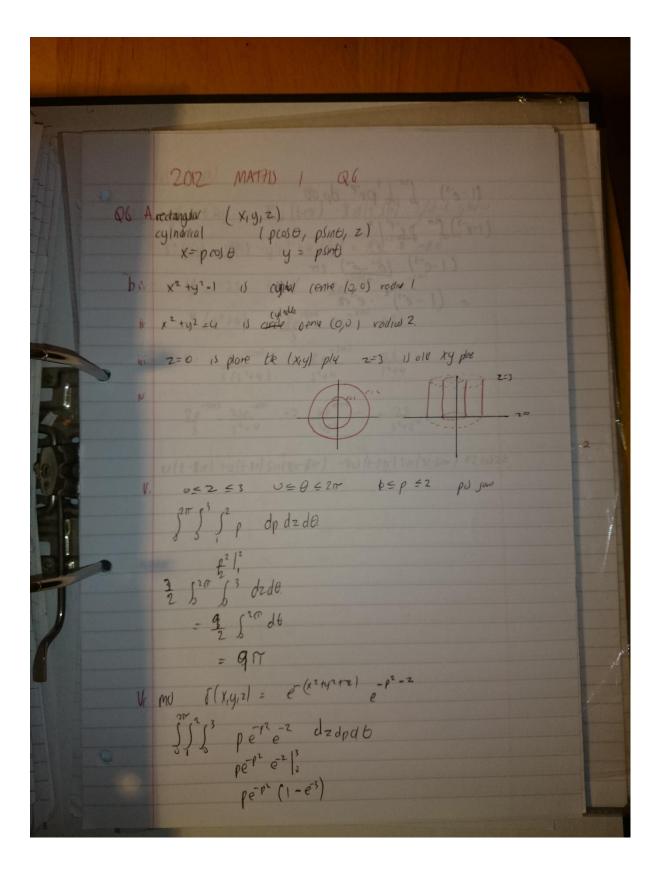
201 Exam Paper Q6 Methy 1. 1 9 m2 12 + 5 tm2 -9 13 - 2005 (3 mt) 1 ms (912 + 512 - 912) - [+ 213] $\left(\frac{11}{2}\pi^2 - \frac{2}{3\pi^2}\right)$ (2: (1, 20-ta) $\frac{12x^2 + 6xy + 3\pi^3 \text{ su}(y)}{2(\pi^2) + 6(\pi(2\pi-tr)) + 3\pi^3 \text{ sin}(2\pi-tr)} - \frac{17}{2}$ - 1 [212 + 1212-6+12 + 313 Sa(217-47)] 2t 12 + 6tm2 -3t2m2 -3m3 [-2 (s)(2t)] \[\left\{2\gamma^2 + \left\{\alpha^2 - \left\{\frac{2\gamma^2}{2\gamma^2}\right\} - \left\{-\frac{3\alpha^2}{2\gamma^2}\right\} \] $-\frac{\pi}{2} \left(8\pi \right) = -\frac{8\pi}{2}^3 = -4\pi^3$ $\frac{11\pi^2-\frac{2}{3\pi}}{2}$ - $4\pi^{\frac{3}{2}}$





	Parunni eq. While in form $22 = -x-3y+7$ x + 3y + 2z = 7. Normal live poly through (1/2,0) when divide (1/3,2) $50 \times 1 + 16 y = 2 + 316 z = 0 + 26$.
6	Normal live should be perpandicular to tryot place of gran pan
R. UC	Projection held between $y=x$ and $y=Jx$ Volume = $\int_{0}^{1} \int_{0}^{Rx} e^{\frac{t^{2}}{2}x^{2}} - \sin(\frac{tx}{2}x^{2}) \frac{dy}{dx} dx$ When it cost to long mad $x=\int_{0}^{1} \frac{dy}{dx} = \frac{x^{2}}{2} = \frac{x(1-x)}{2}$ $\int_{0}^{1} \frac{e^{-tx}}{(1-tx)^{2}} - \sin(\frac{tx}{2}x^{2}) \frac{dy}{2} \frac{dy}{dx} dx$ $\int_{0}^{1} \frac{e^{-tx}}{(1-tx)^{2}} - \sin(\frac{tx}{2}x^{2}) \frac{dy}{2} \frac{dy}{dx} dx$ $= \left[\left(e^{-tx} + \frac{1}{12} \cos \frac{tx}{2} \right) \frac{dy}{2} \right]_{0}^{1} - \left[e^{-tx} + \frac{1}{12} \cos \frac{tx}{2} \right] \frac{dy}{2} dx$ If puth independ $\frac{dy}{dx} = \frac{dy}{dx}$
	69 ° (100°)





(1-e3) 52 pep2 dpdt $(1-e^{-3})\int_{2}^{2\pi} \frac{pe^{-p^{2}}}{2} \Big|_{3}^{2\pi}$ $(1-e^{-3})\cdot \frac{(e^{-1}-e^{-4})}{2}\cdot e^{-1}\pi$ $= (1-e^{-3})^{2}\cdot e^{-1}\pi$