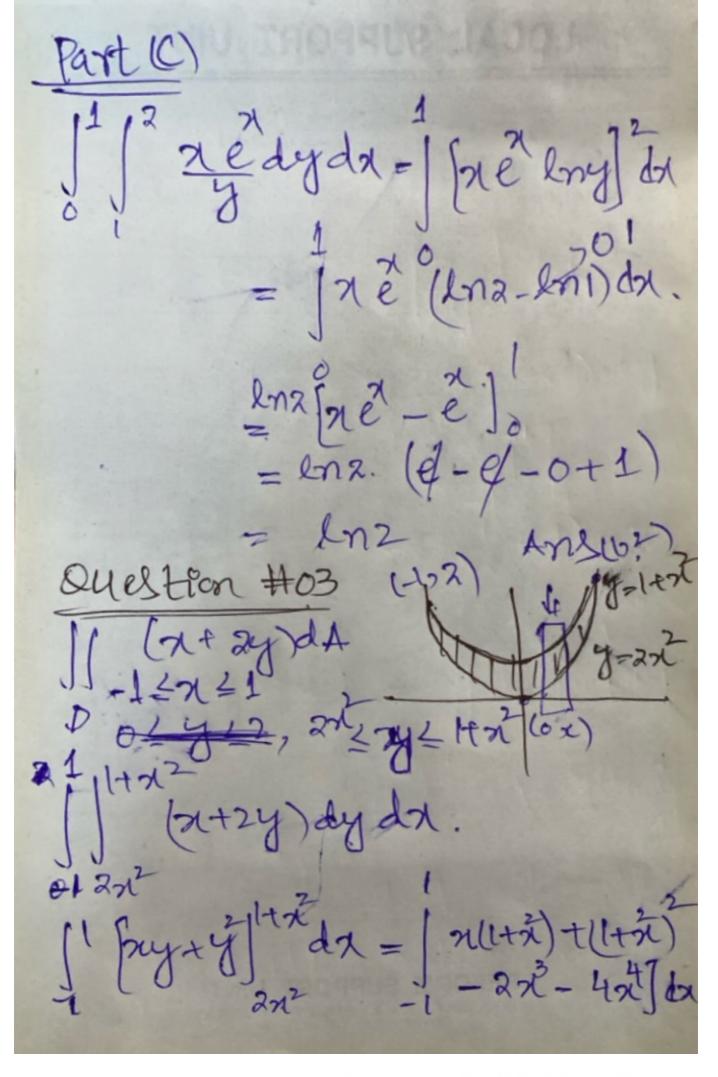
SOLUTION KEN Assignment Question #01 $= \frac{3}{5}(\frac{6^{3}-a^{3}}{3}) + \frac{1}{5}(\frac{6^{3}-a^{3}}{3}) + \frac{1}{5}(\frac{6^$

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$$\int_{-1}^{1} (1+x^{3}+1+2x^{2}+x^{4}-2x^{3}-4x^{4}) dx$$

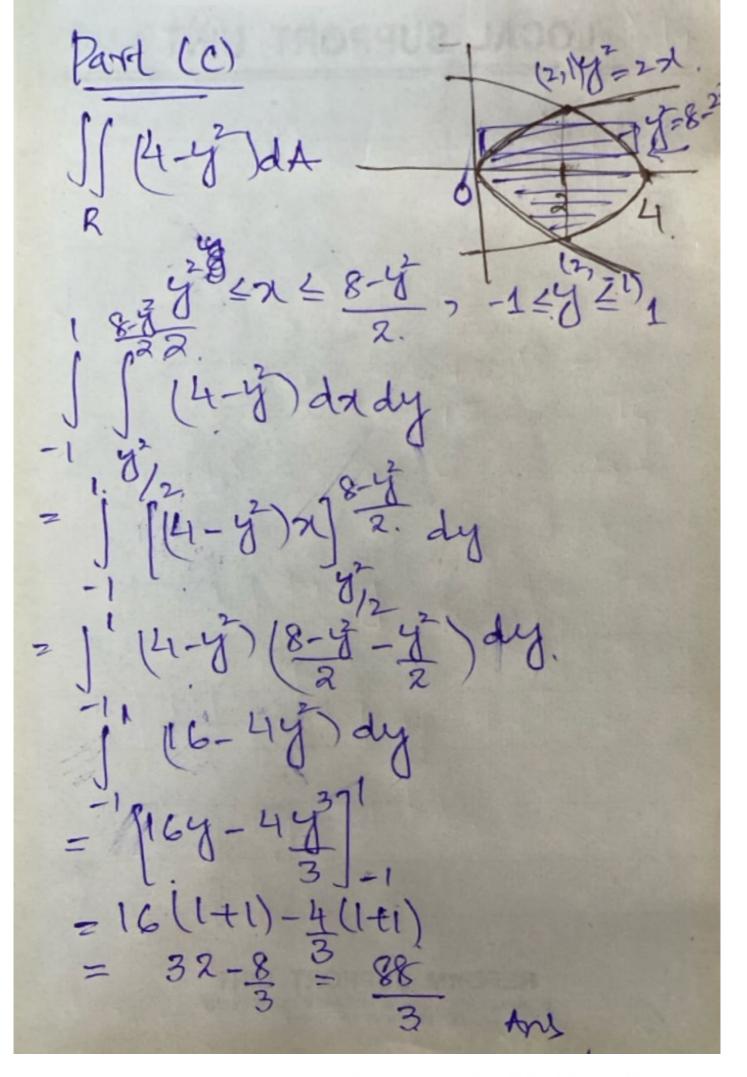
$$= (1+x^{3}+1+2x^{2}+x^{4}-2x^{3}-4x^{4}) dx$$

$$= (1+x^{3}-3+2x^{3}-3x^{2}-1)$$

$$= (1+x^{3}-3+2x^{3}-3x^{3}-1)$$

$$= (1+x^{3}-3+2x^{3}-3x^$$

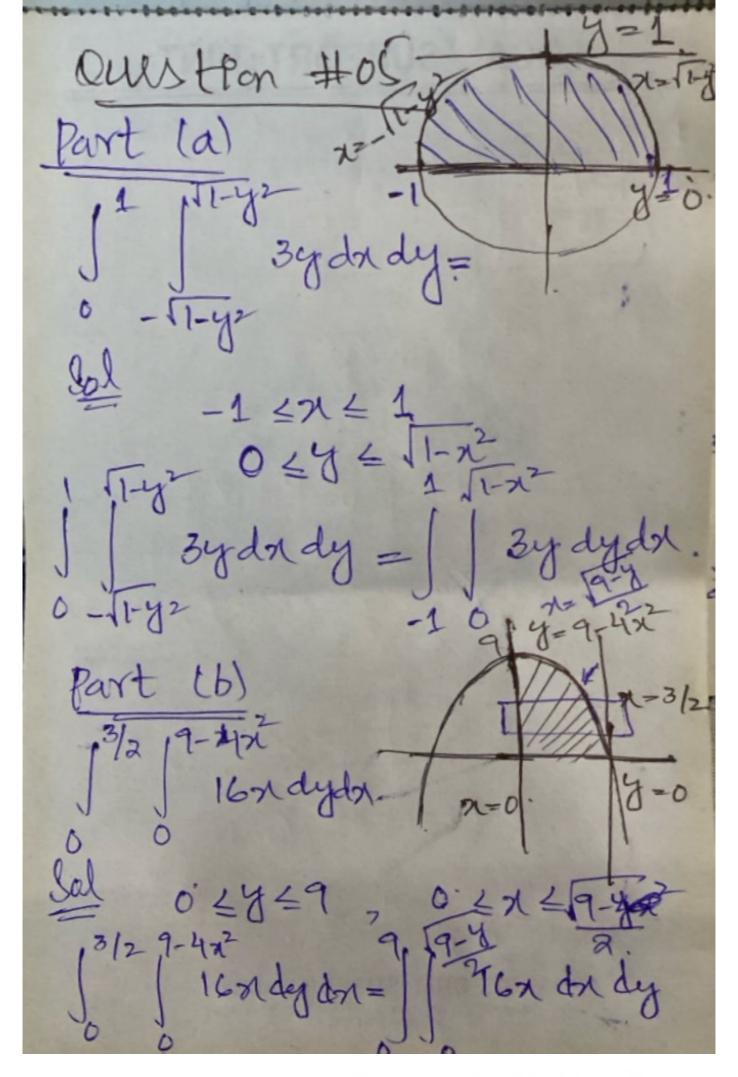
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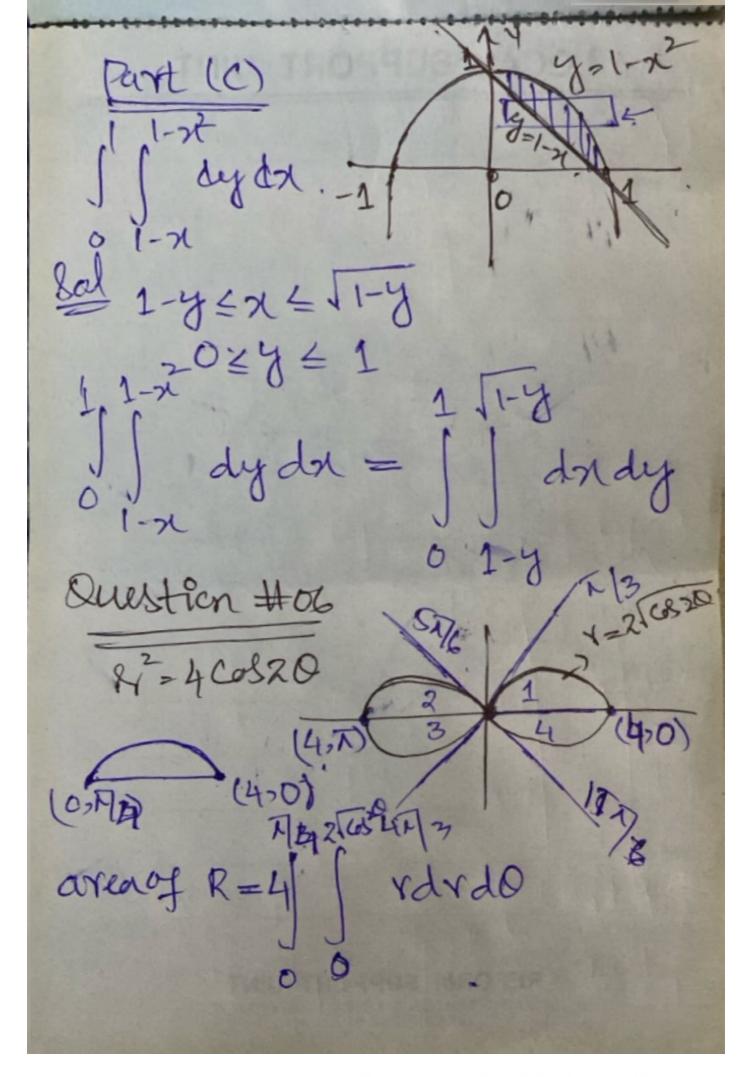
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Ouestion # 64 f(764)=3-71-4 のきなられ $V = \int_{-1}^{1} \int_{-1}^{1} (3-x-y) dy dx$ = 1 [37-24-42] da = 1 (3x-x2-20) dx = 32 - 32 20 = 3(1-0) - 1(1-0) 1. = 3 - 1 = 1

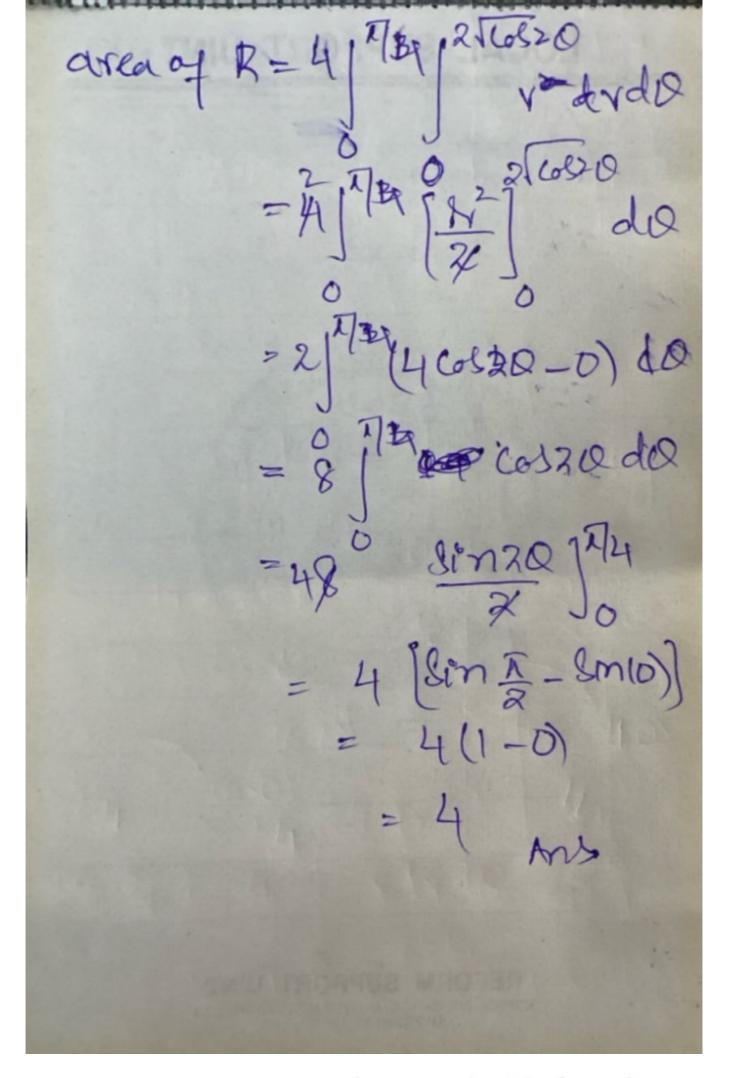
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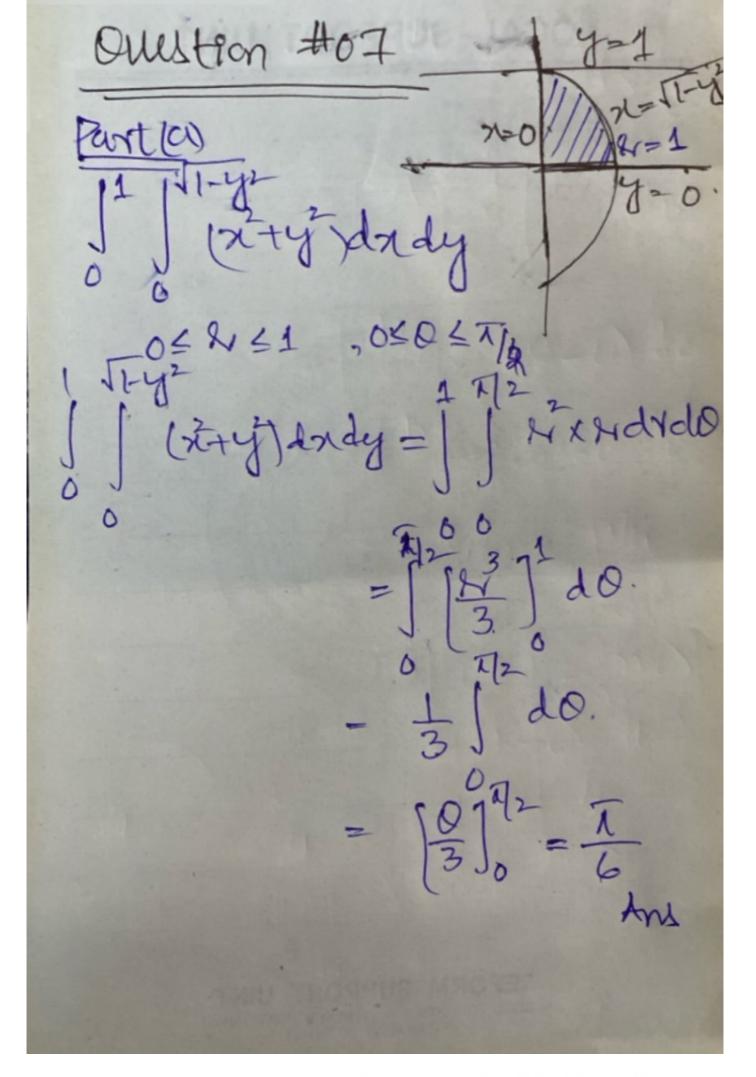
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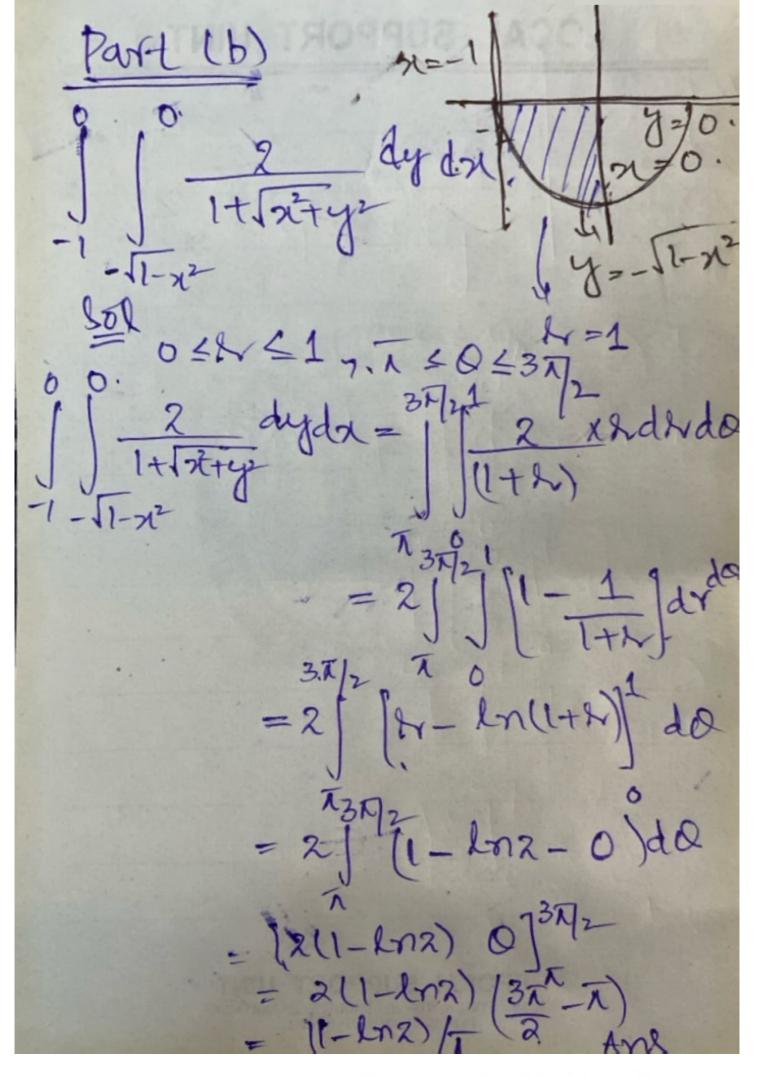
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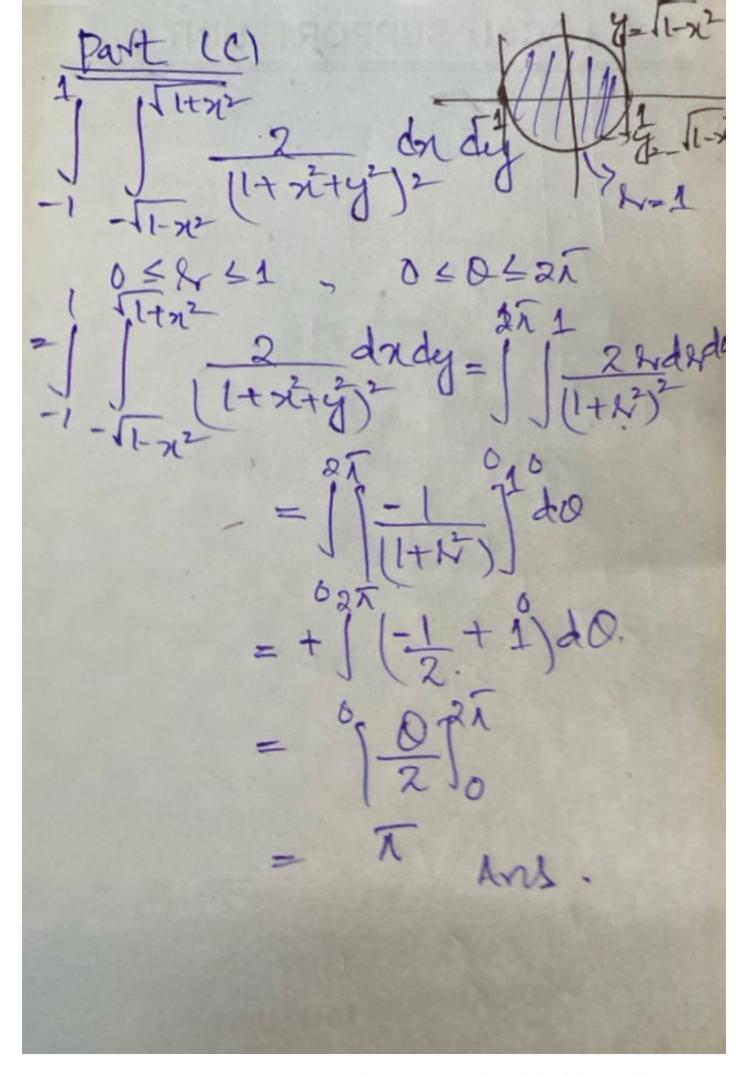
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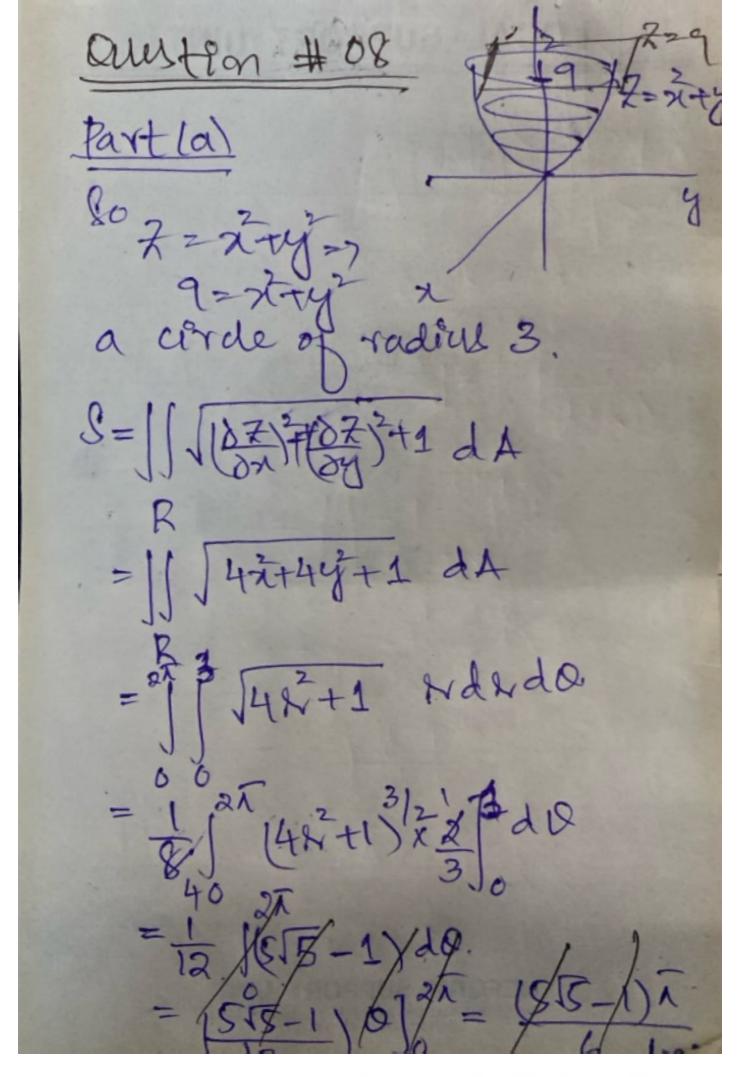
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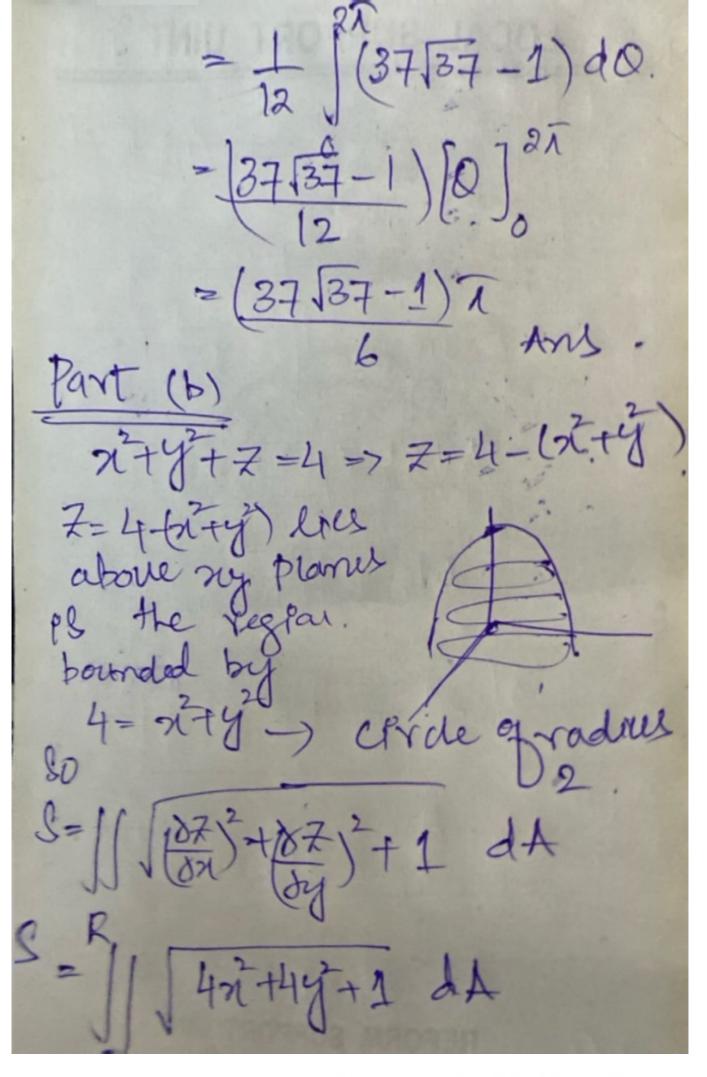
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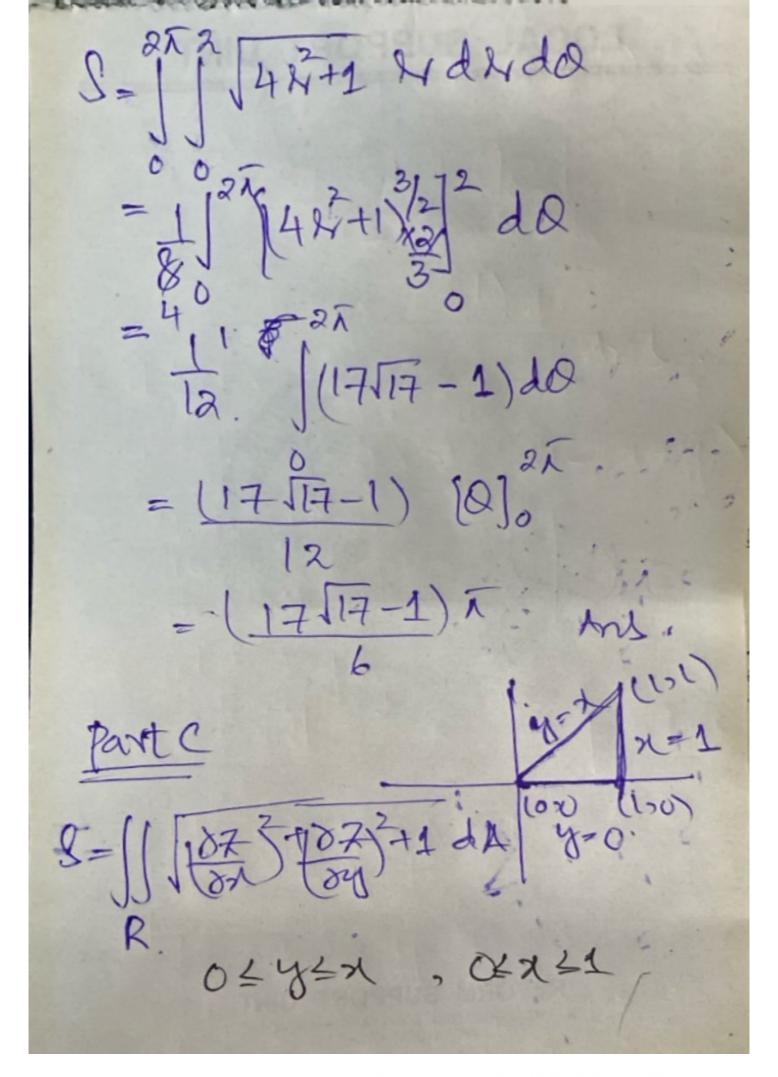
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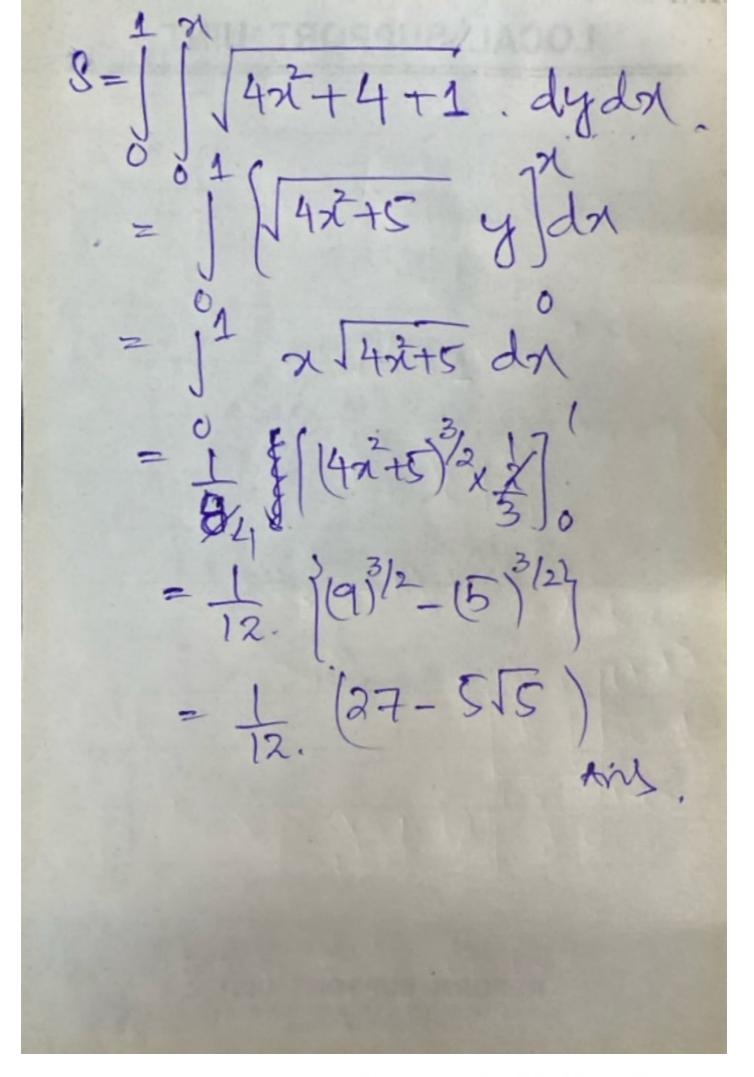
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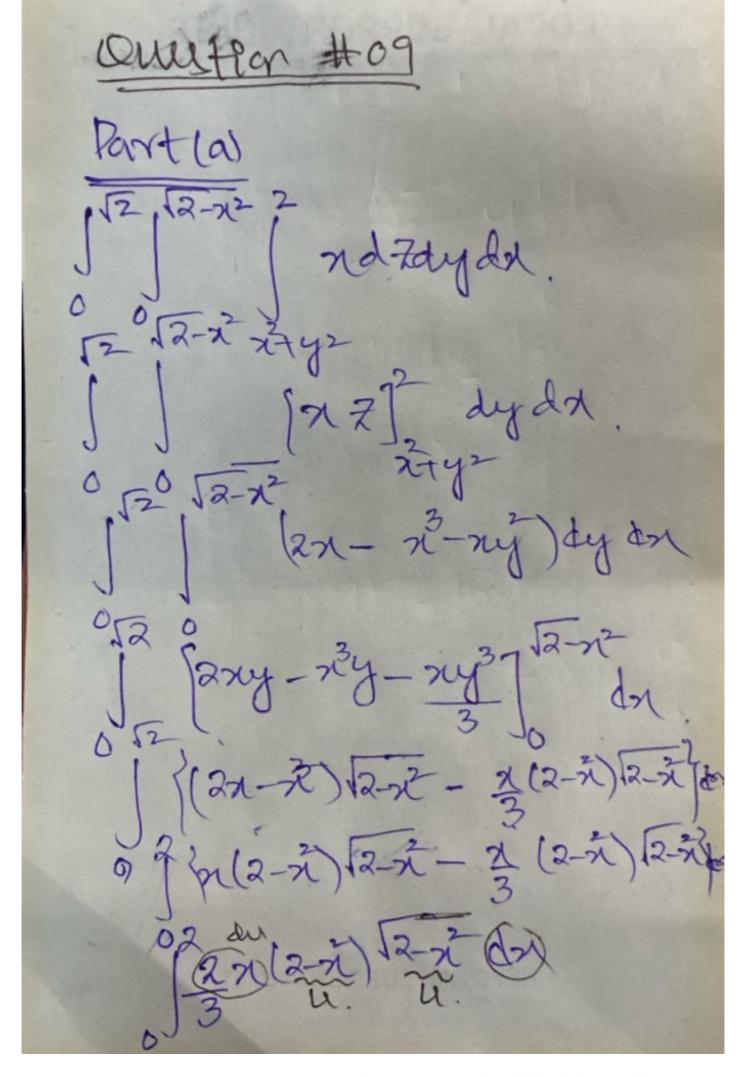
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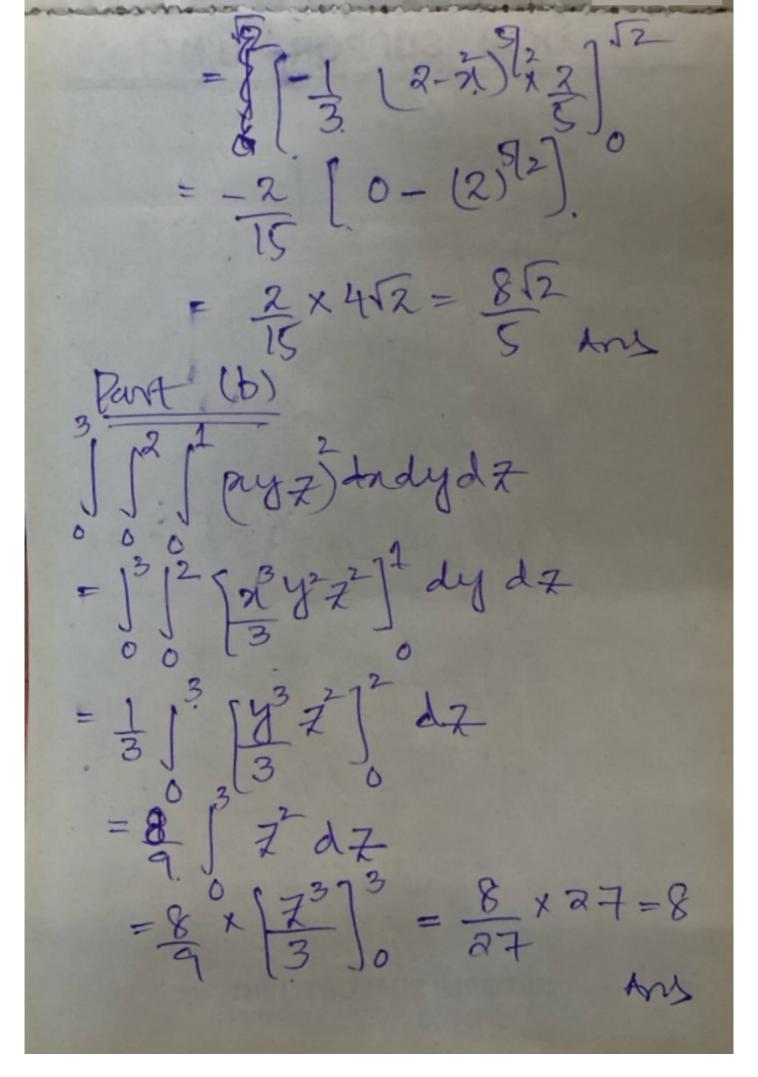
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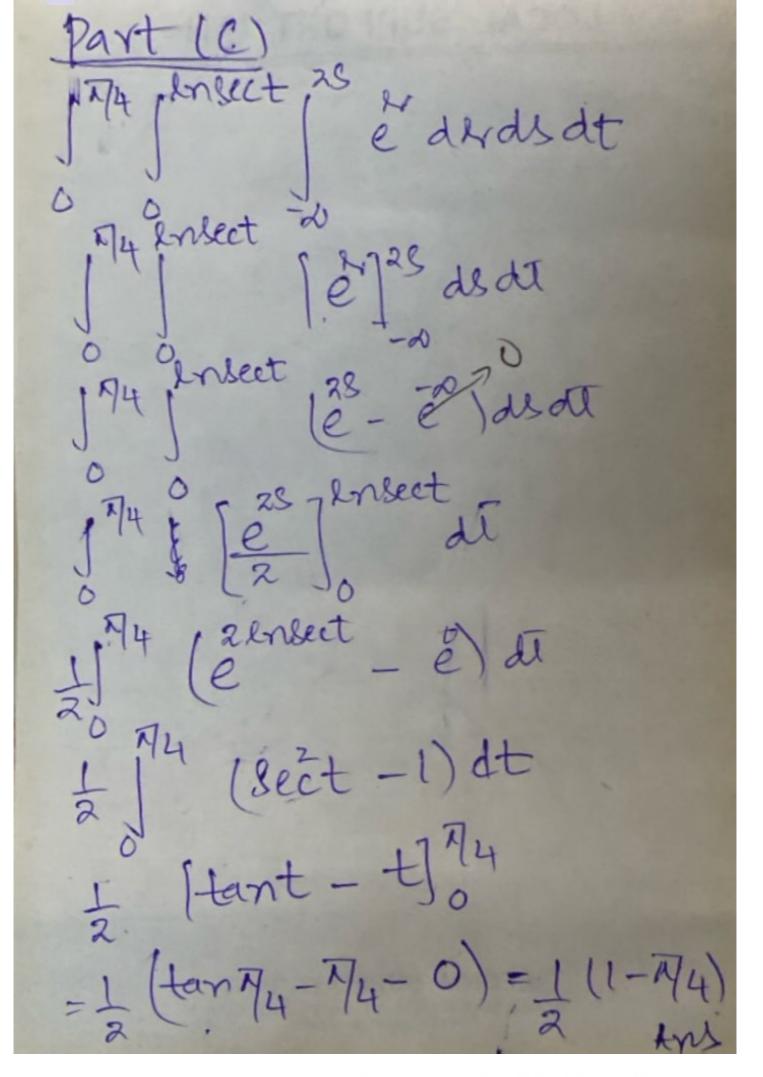
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Scanned with CamScanner



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Questeon #10 part (a) Bounded by & y-xt 7=1 y=0, 7=0, x=0 0くまく1+カーダ 0.69 = 1+2 V = III du. 05251 Y=1 12+x 1+x-y d-7dydx. Y= 5/1/12 [7/14x-4 dydx 1= 1 1+x (1+x-4) dy dx
= 1 6 (1+x) - 47 1+x dx
= 0 1 (1+x) - 47 1+x dx
= 0 1 (1+x) dx = (1+x) 0

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Part (b) my-plane >> 7=0 パナザー1,7144+7=3=7 Y= 1 1 3-2-7 d7 = 1 (3-x-y) dx =27/1 3- M(costo-smo) vdv
complde et

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=> Z=1-8

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