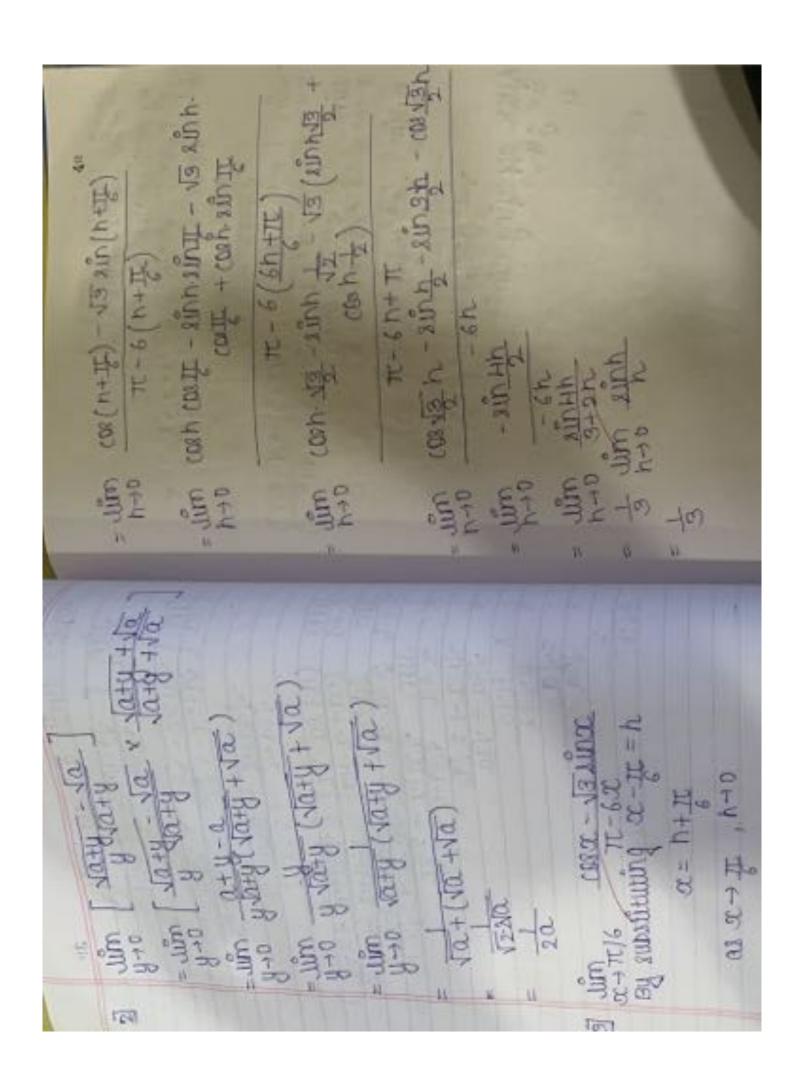
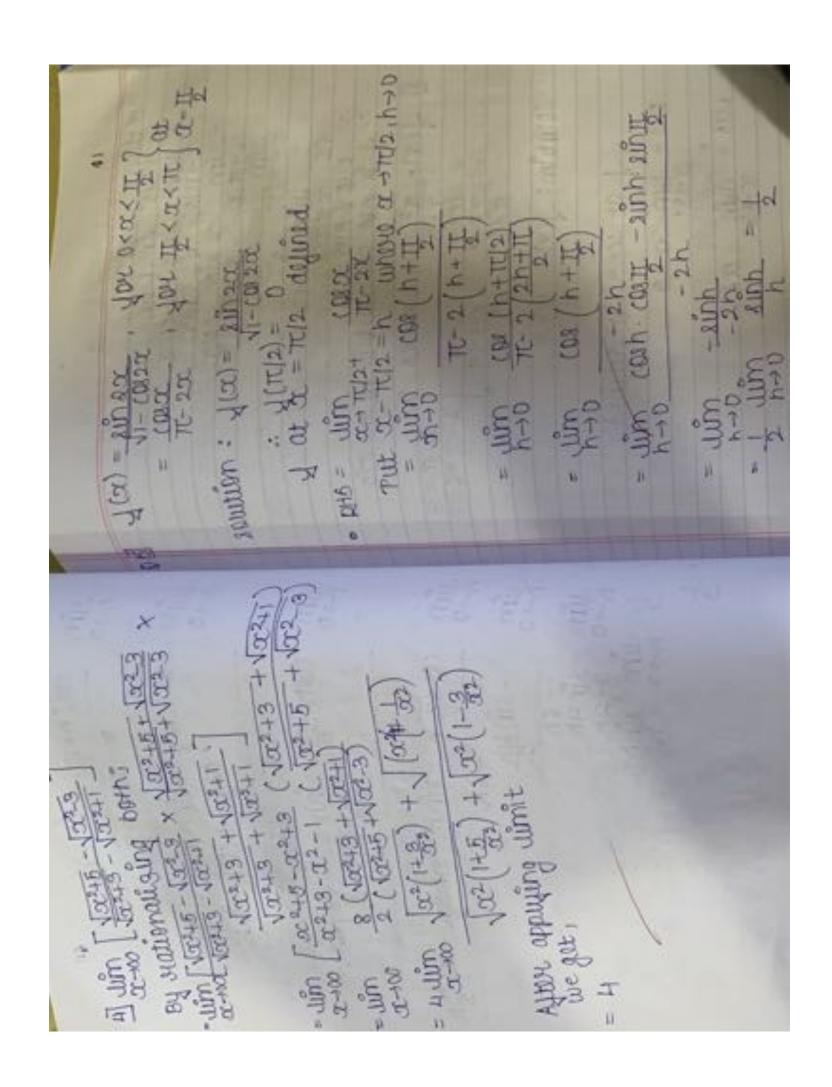
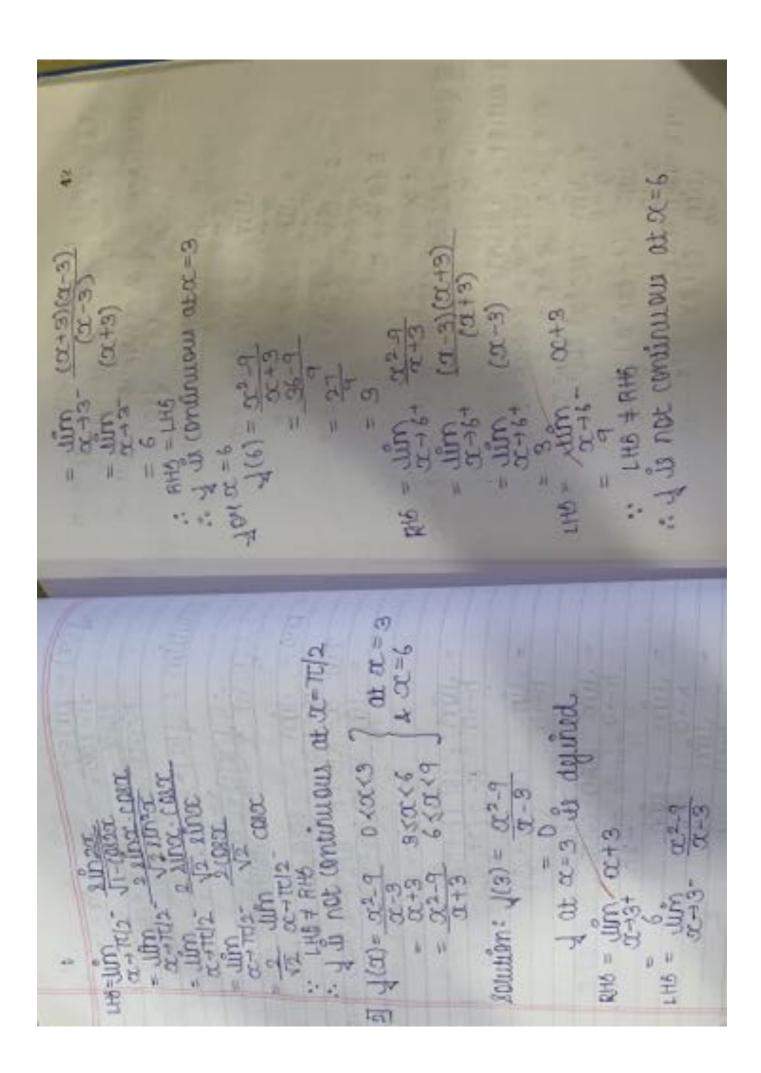
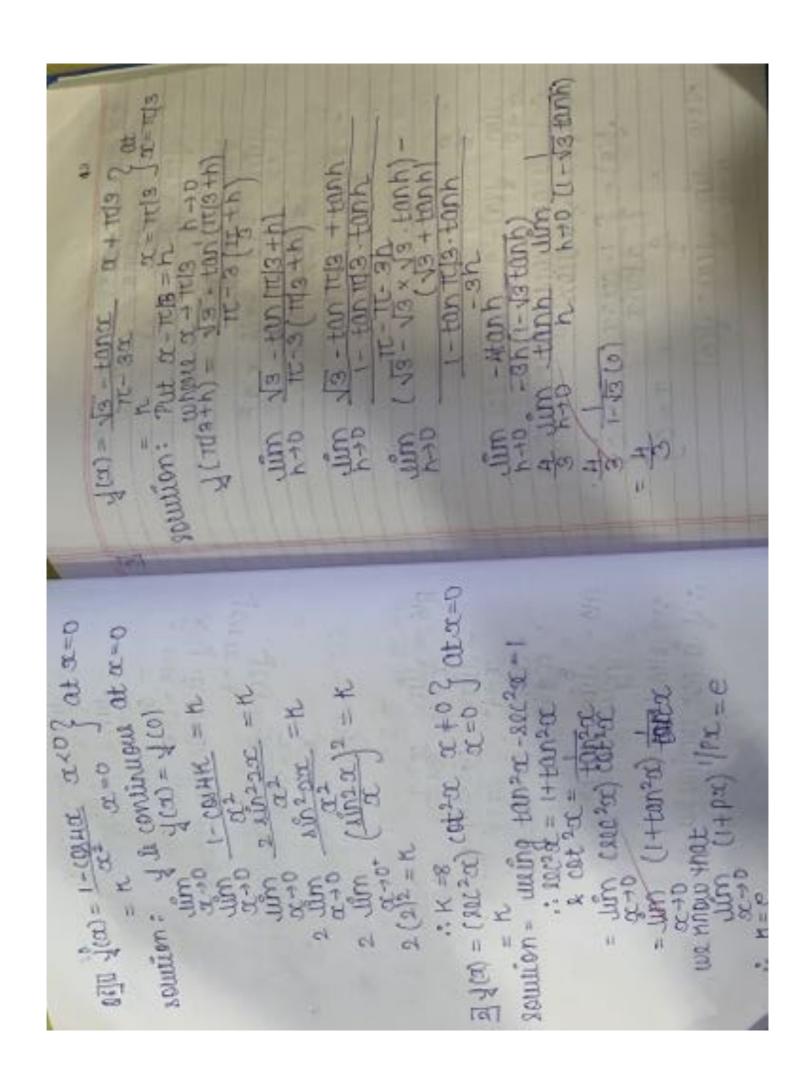
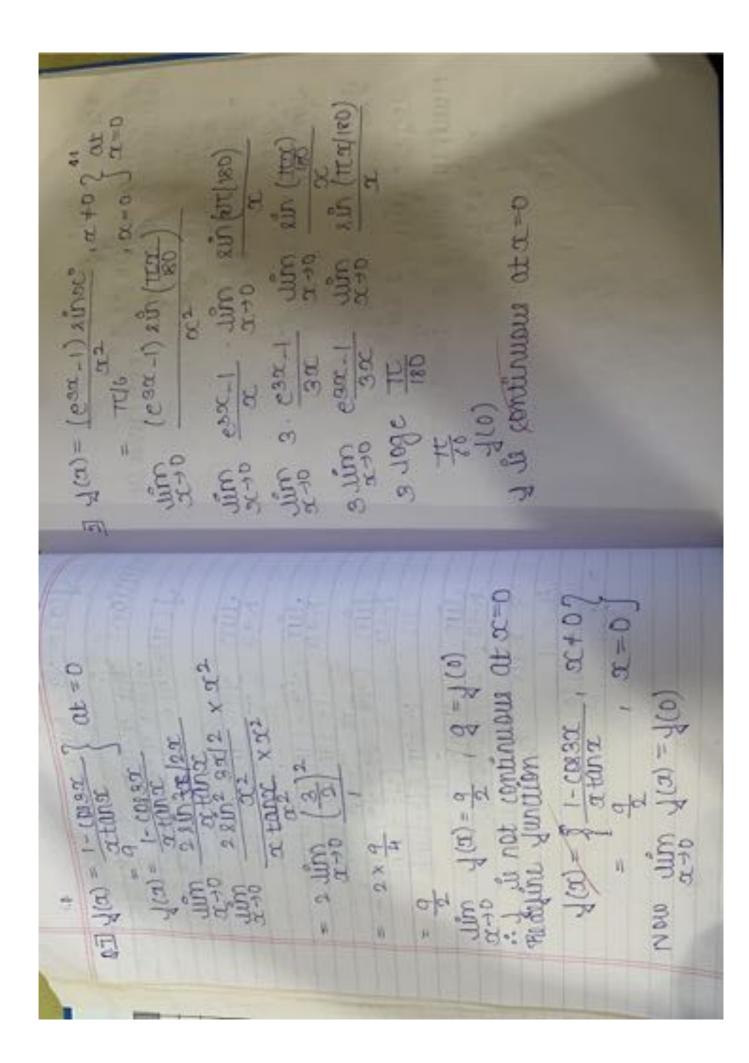
polatical 1: Appic: dimits and continuity dim x→a = $\lim_{\infty \to a} \left[\frac{\sqrt{a+2x} - \sqrt{3x}}{\sqrt{a+2x} - 2\sqrt{x}} \times \frac{\sqrt{a+2x} + \sqrt{3x}}{\sqrt{a+2x} + \sqrt{3x}} \right]$

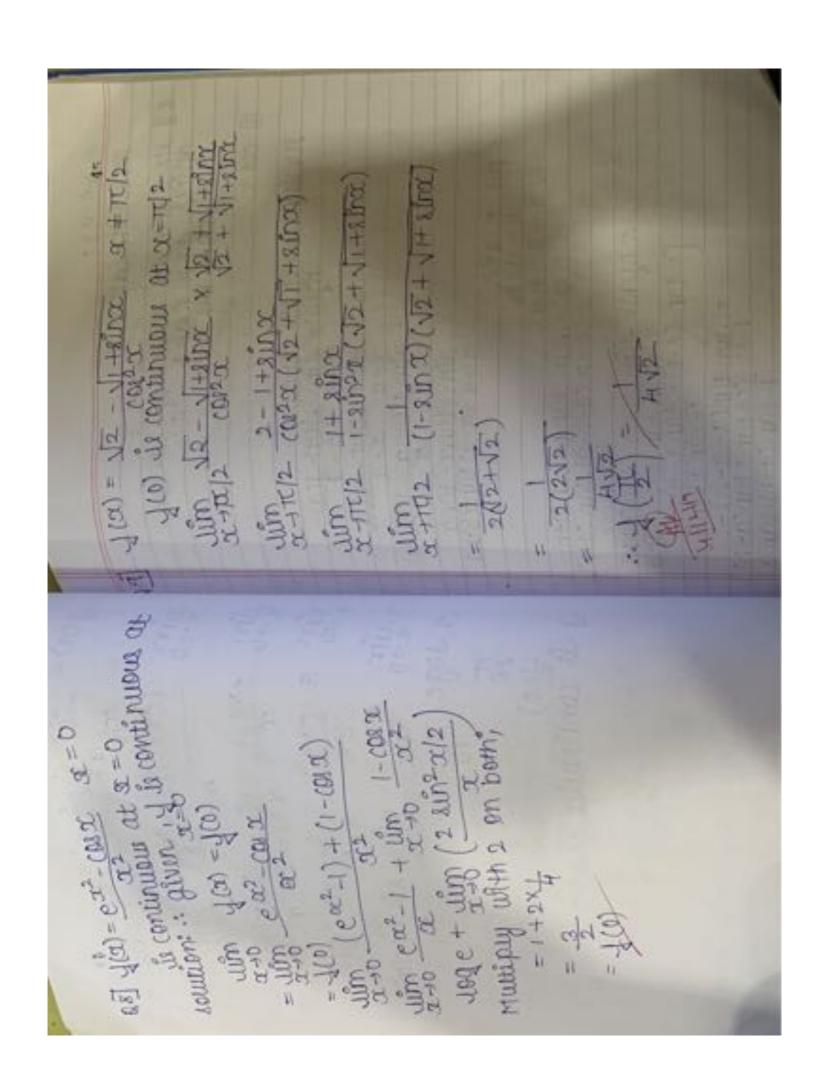


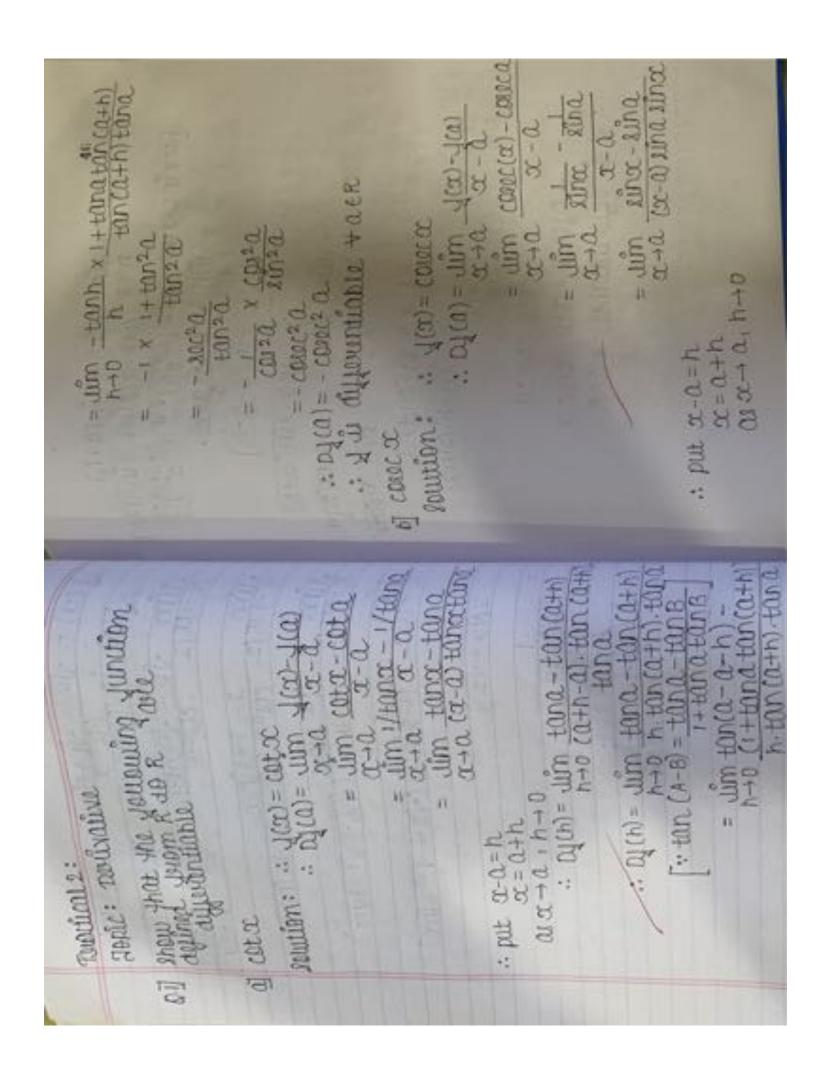


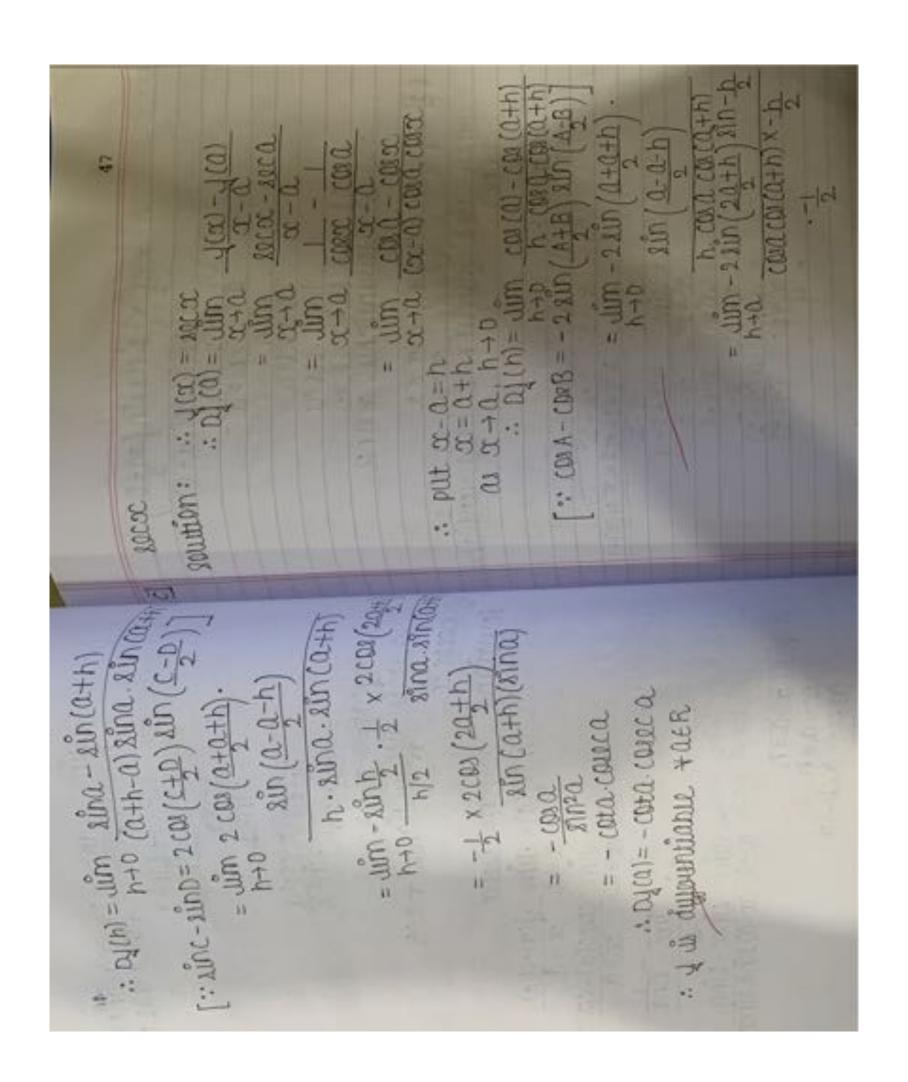


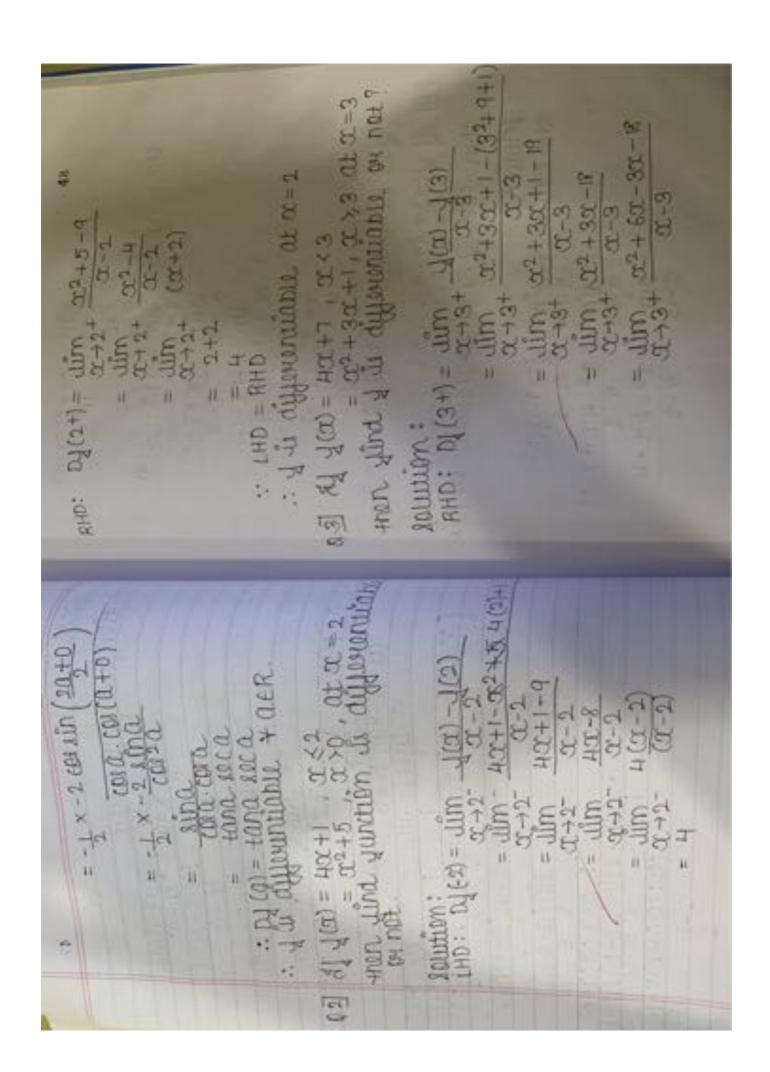


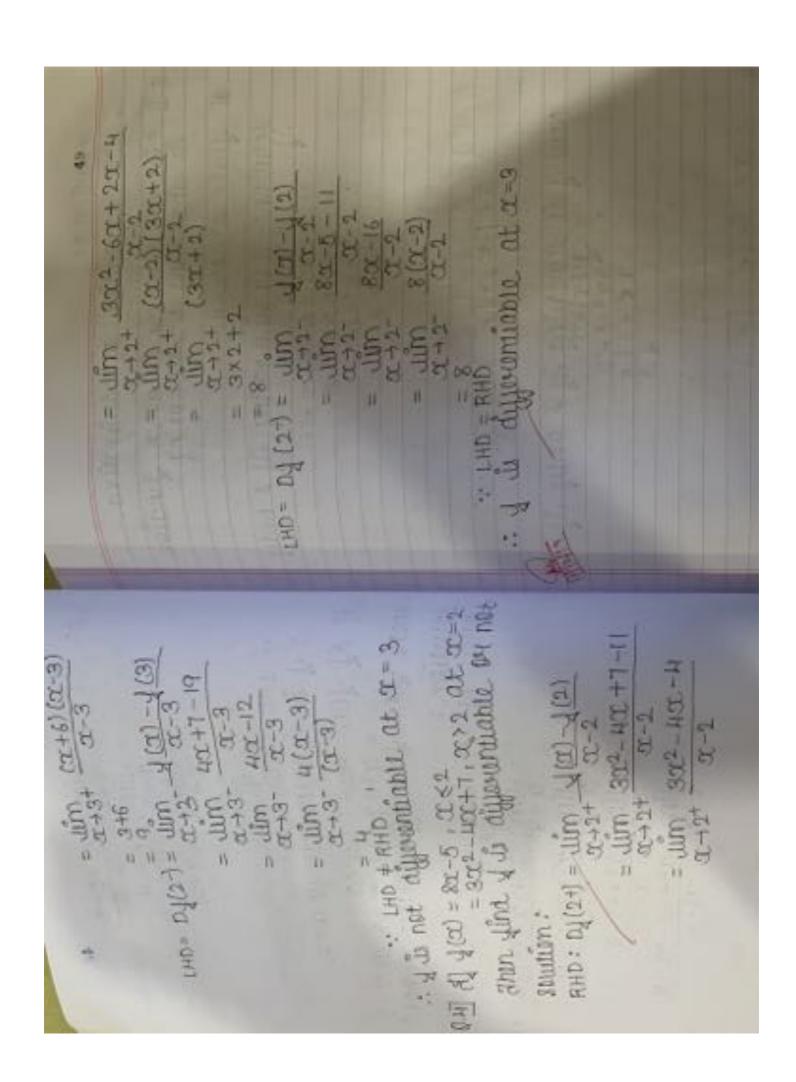


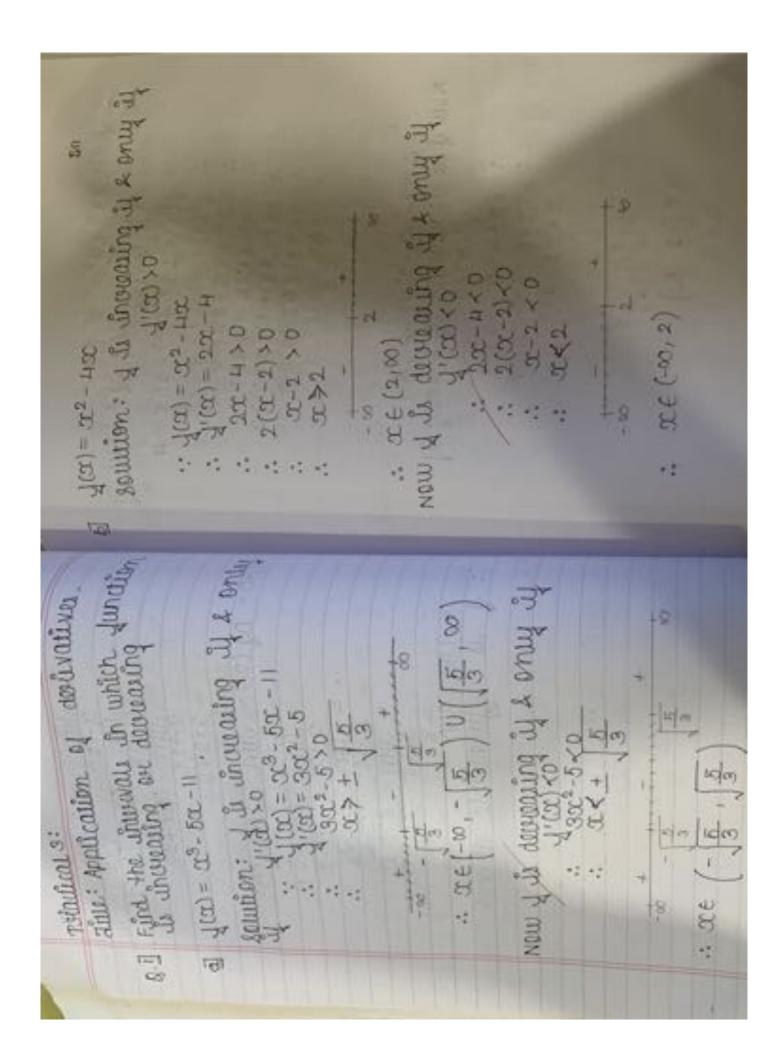


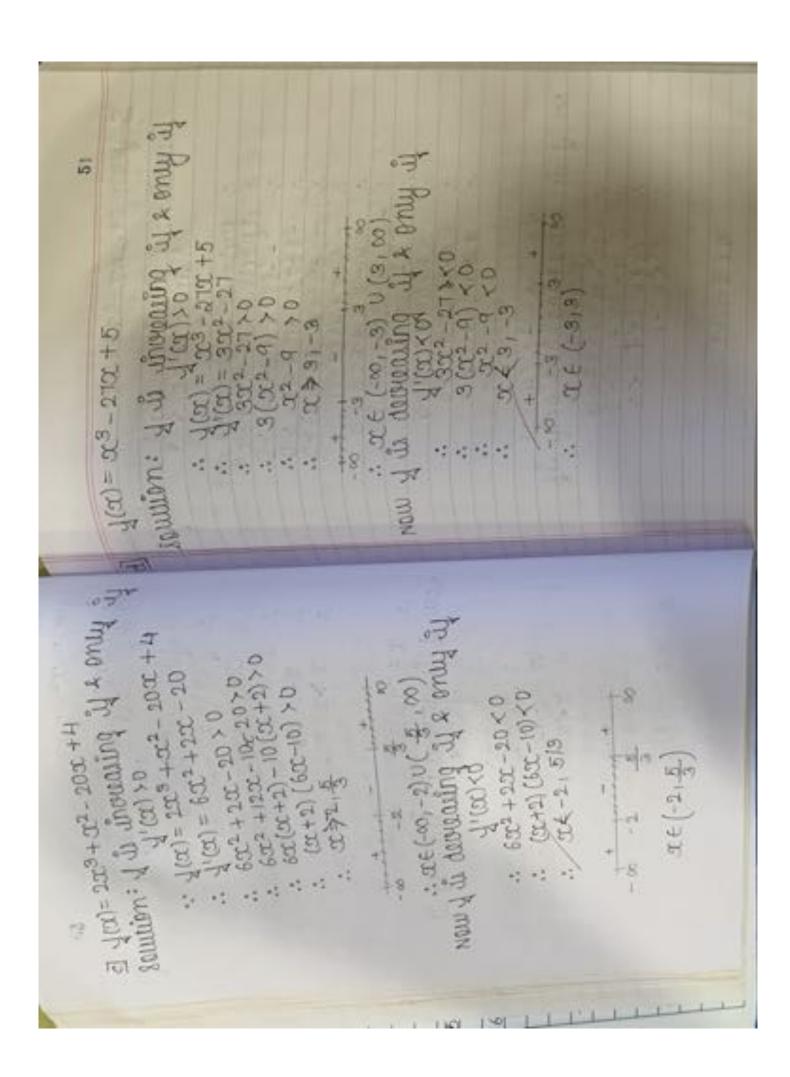


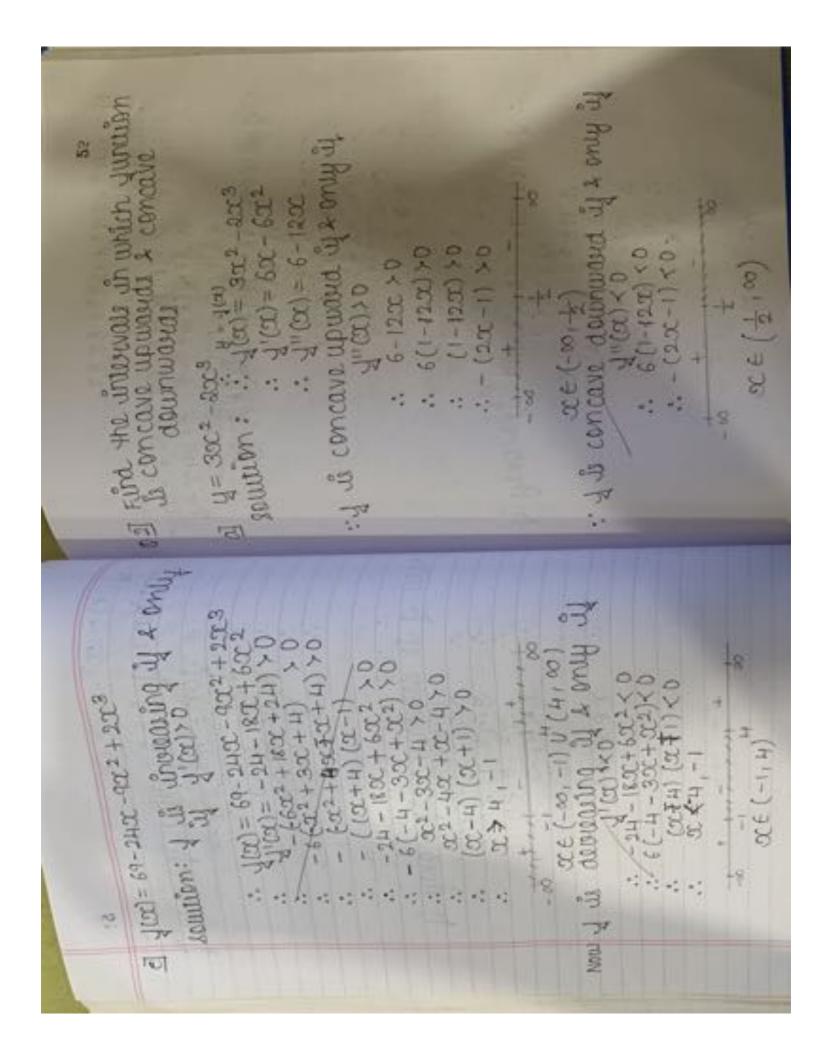


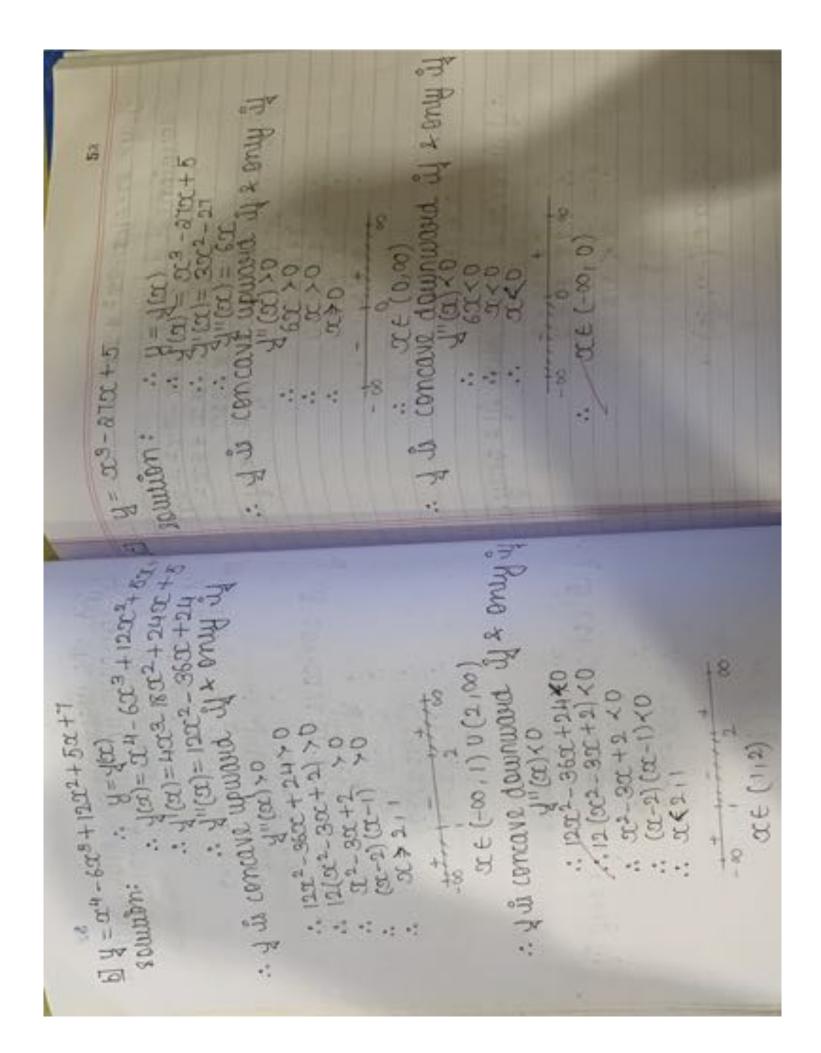


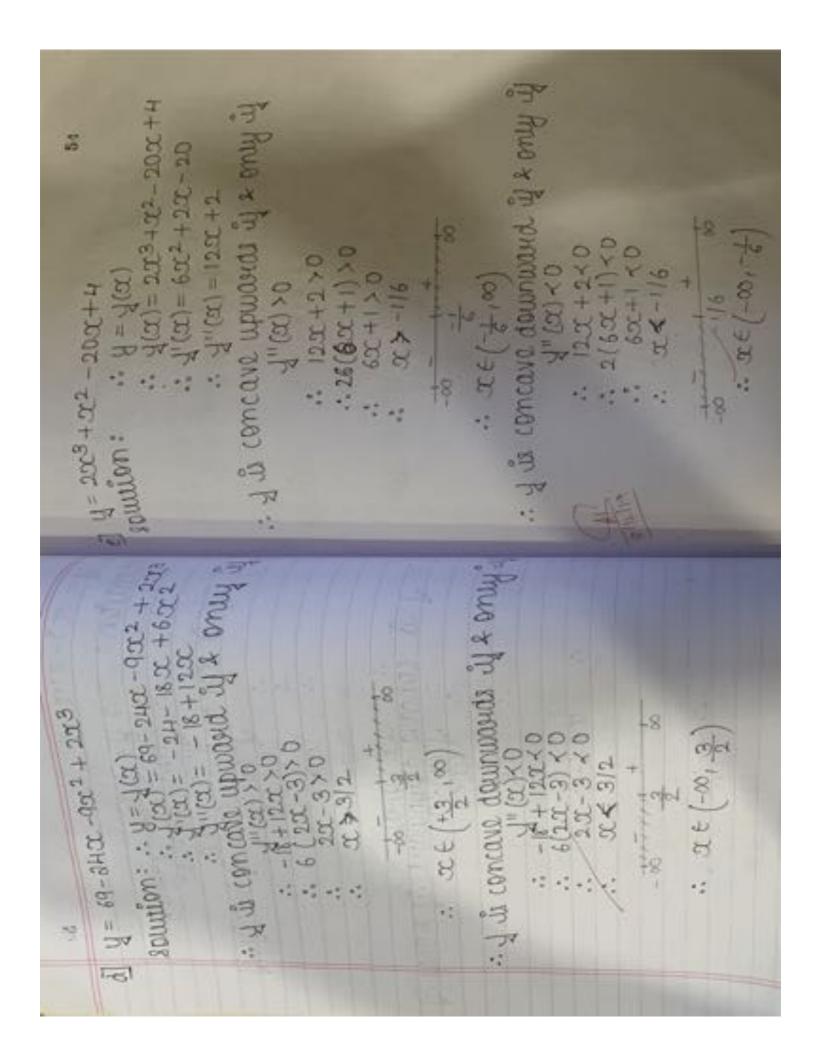








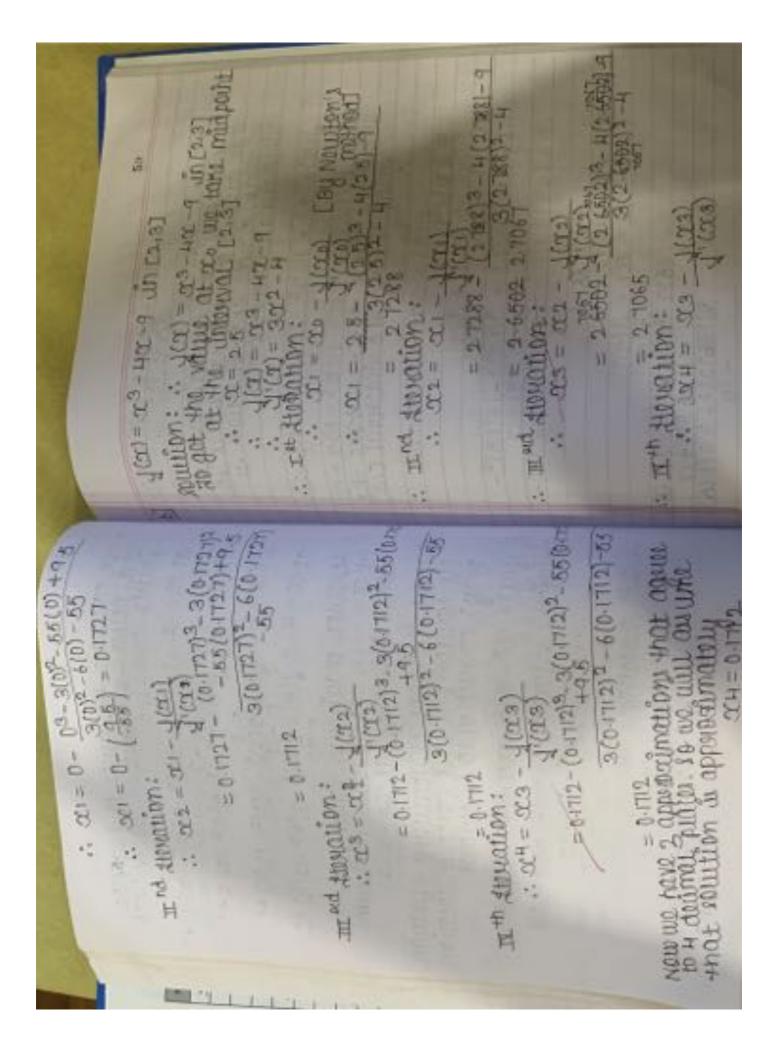


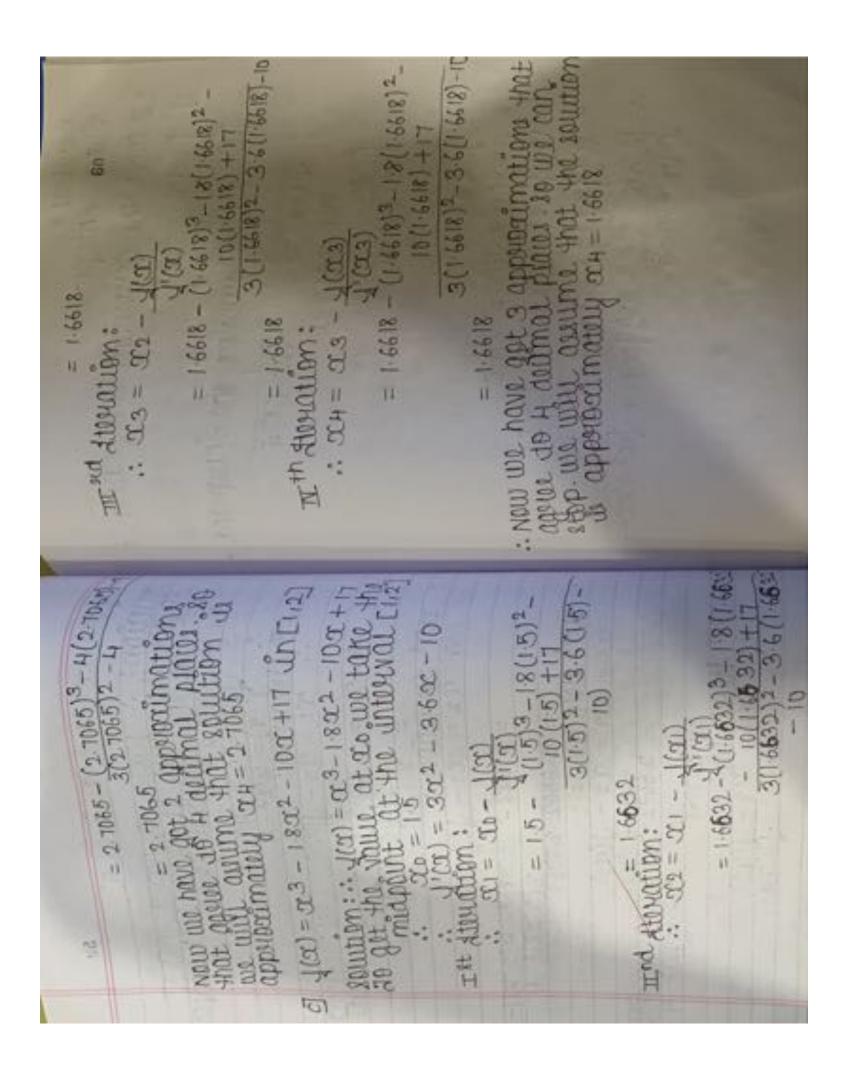


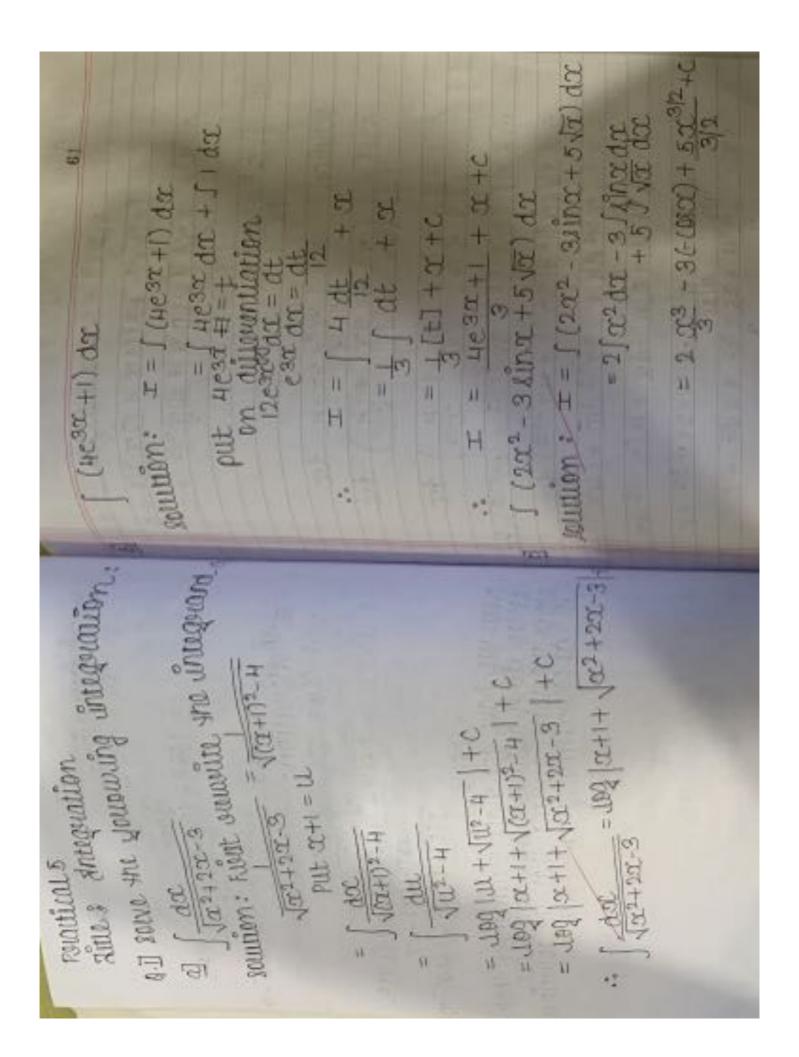
souther: :: ((cr) = 0.3-30.2+1 J(a) = 23-32+1 uh 4 (C) = 30 × 0

4 (C) = 30 × 0 J(0) = 3-5x3+3x5 Printical 4: Application of an Printing merinam, A minimum, Value of the State of t 3011110N ::: J(m) = 2x + 16 (m-2) 3011110N ::: J(m) = 2x + 16 (2x-3) :: J(m) = 2x - 33 NEUL CONTIGOR $\sqrt{(2x)} = 0$ $\sqrt{2x} = \sqrt{2x} = 0$ $\frac{2\pi}{2} = \frac{2\pi}{2} = \frac{2\pi}{2}$ $\frac{2\pi}{2} = \frac{2\pi}{2} = \frac{2\pi}{2}$ The minim at a = 2 1-2)=(-2)2+16/(-2)2=8 y (+2)= (2)2 + 16/(2)2 = 8 · 1017年1027年107年10

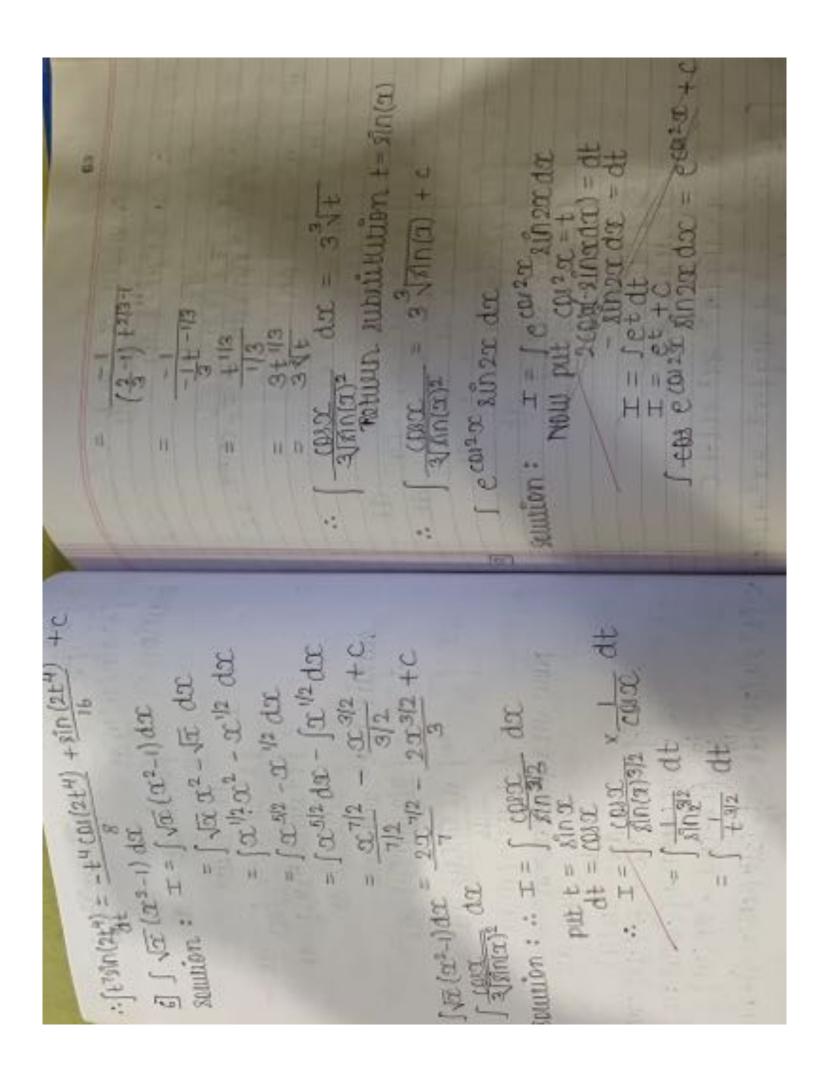
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ed Rund the sepat of Jovaning agrician on Noviton Marked (Ante A invitation)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         at a=-2,1: 462)=2(-2)3-3(-2)2(-2)+1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  at \alpha = 2 \dots \sqrt{(2)} = 2(2)^3 - 3(2)^2 - 12(2) + 1
at \alpha = 4 \dots \sqrt{(4)} = 2(4)^3 - 3(4)^2 - 3(4)^2 + 12(4) + 1
condo points -2.3 as usu at a delinear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ntx=-1,1. 1(-1) = 2(-1)3-3(-1)2-12(-1)+1
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                                                                                                 " The second of 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              .. Absence maximum values and absort to the distribution of the total of the distribution of the distribut
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           J(a)= 203-302-120+1 Un [-2,3]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        at a=0, 4 (0) = (+0)3-3(0)2+1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1+x=4, 1, 1/4)= (4)3-3(4)2+1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 # T=1 " 1(1) = (1)3-3(1)5+1
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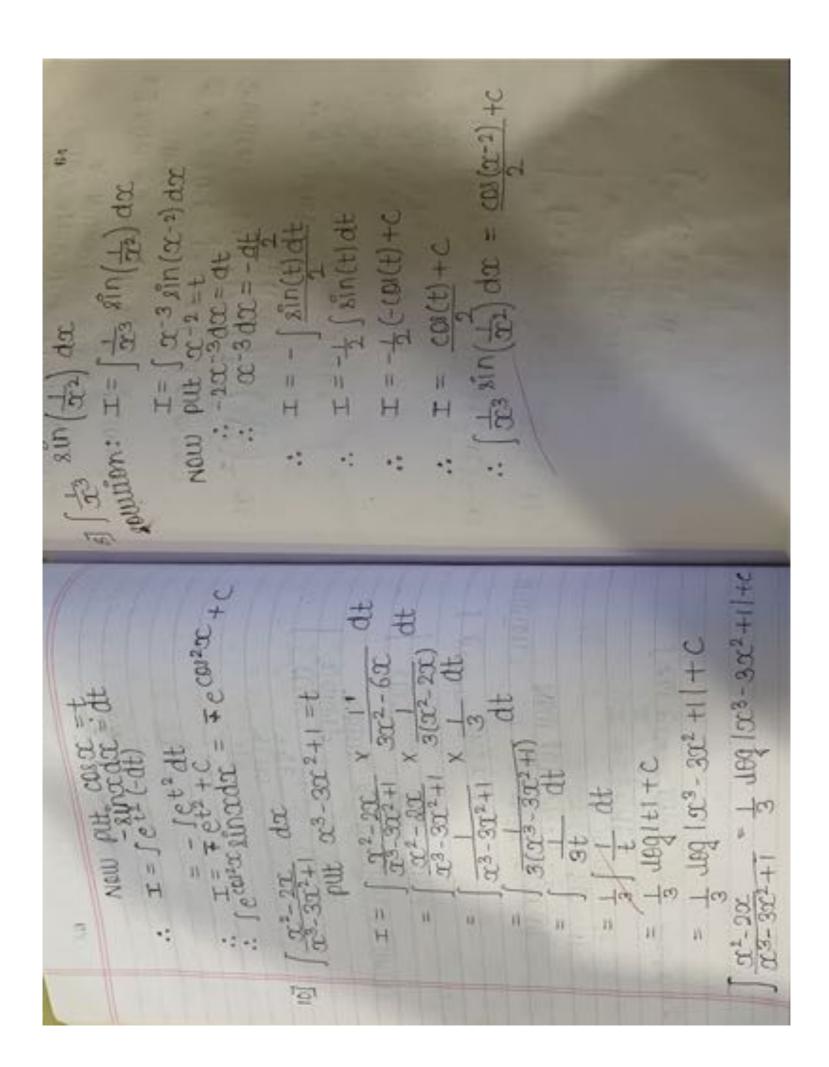


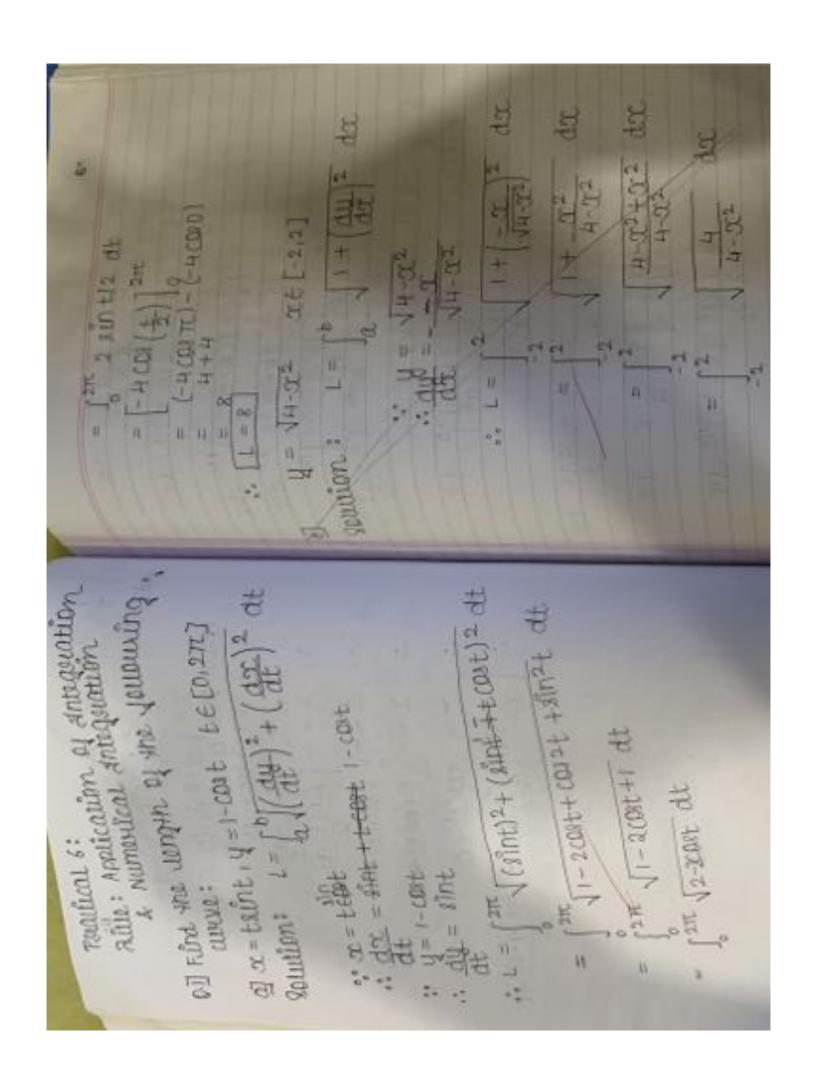


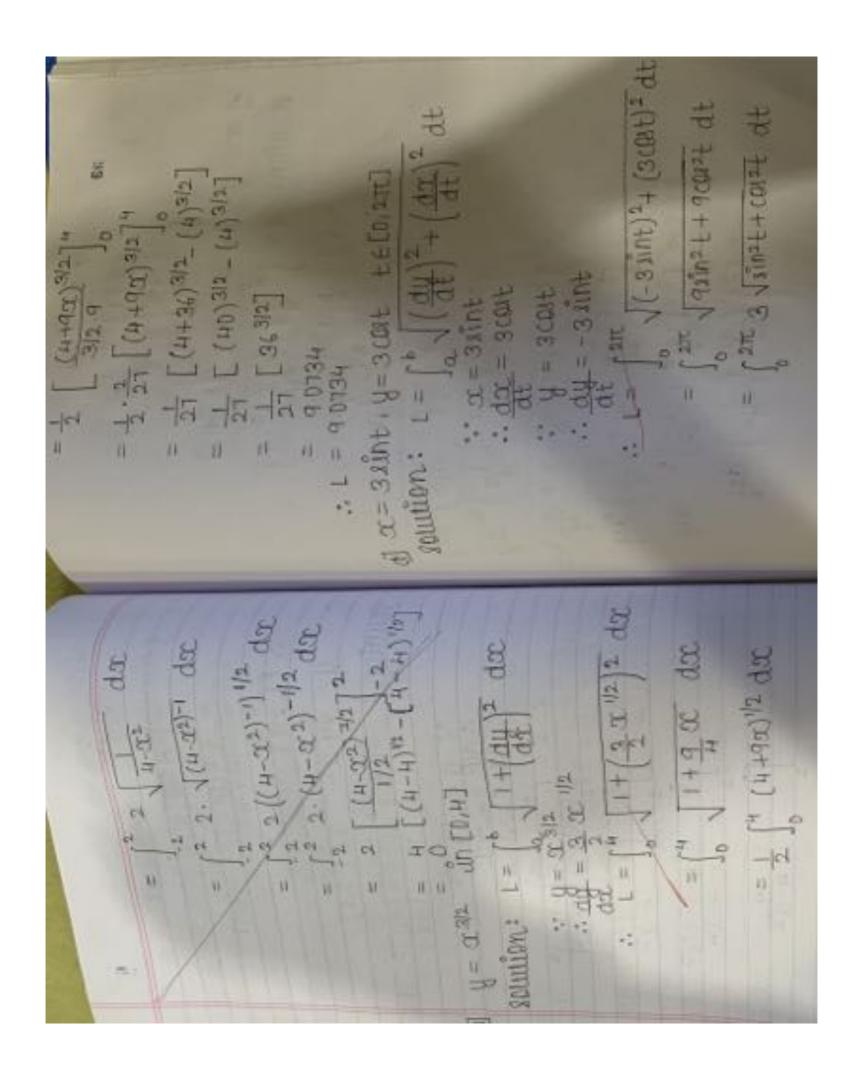


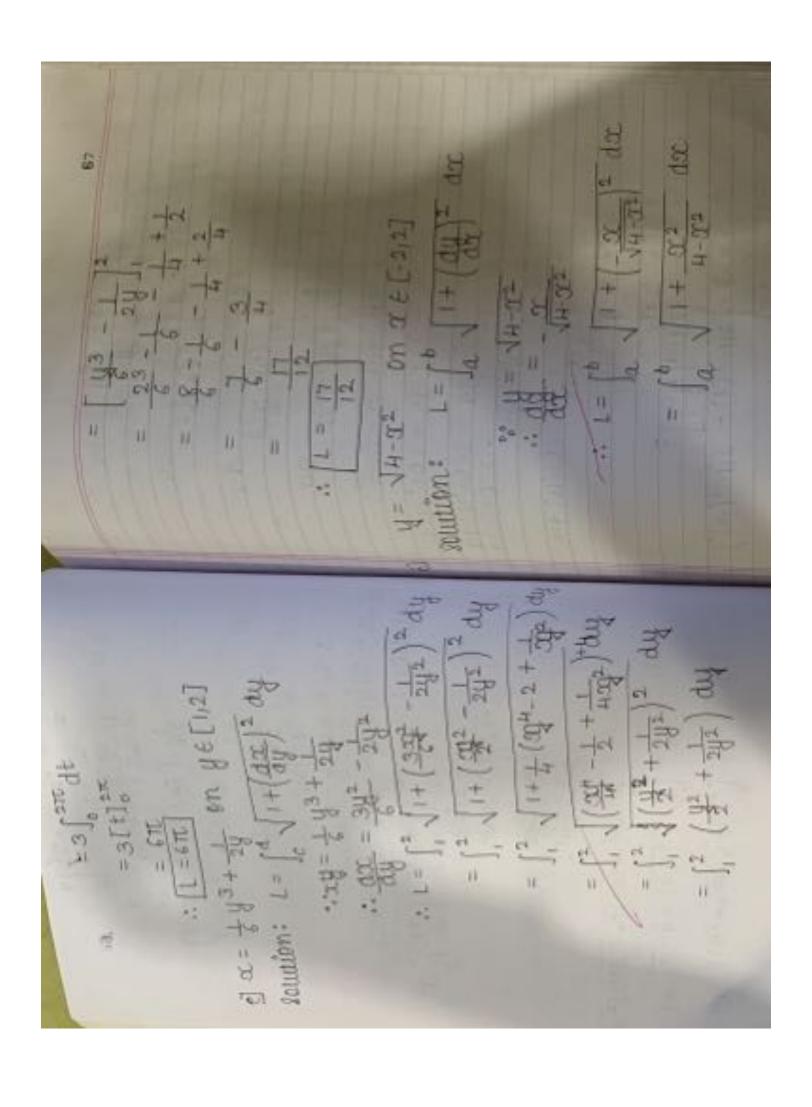
** Now Jut's plut Jul = Jul (ux(-cos(u)) du = for(u) du + for(u) du = for(u) d : [3 + 3 x + 4 dx = 2 x 12 + 2 x 3/2 + 6 NE + C = [E4 8 (2 E4) X = + + 1 1 (2 E4) At : I = [4/2 sin(4) die southion: I = [47 211 (24 4) dt mp(m)usm) #= = f ut sin(ut) du : I = [t] sin(2t4)_ gunstitute to with we put u= 244 \$ (+1 2 in (2+44) d+ = 2003 + 3000 C + 5x200 312 to : I = [25 5 da + [32 1/2 da + [42-1/2 dr : I = [(x3-1/2 + 3x1-1/2 + 4)x1/2) dr = 23 + 3 COS A + 10 3 312 + c : I = [35 5/4 dx + 3] x 1/2 dx + 4 Jx - 1/2 dx " I = 23/3 +3(Dut + 100/3/2 +c : I = 0 1/2 + 30 3/2 + 4x2x0 1/2 +C : I = [32 + 30 + 4) da .. I = [(22 + 32 + 4) da : I = [(x 5/2 + 3x 1/2 + 4x -1/2) doc .. I = 2007/2 +260032 +8/00 +C goution: I = [x8+3x+4 do 11 \ 03+30+4 doc



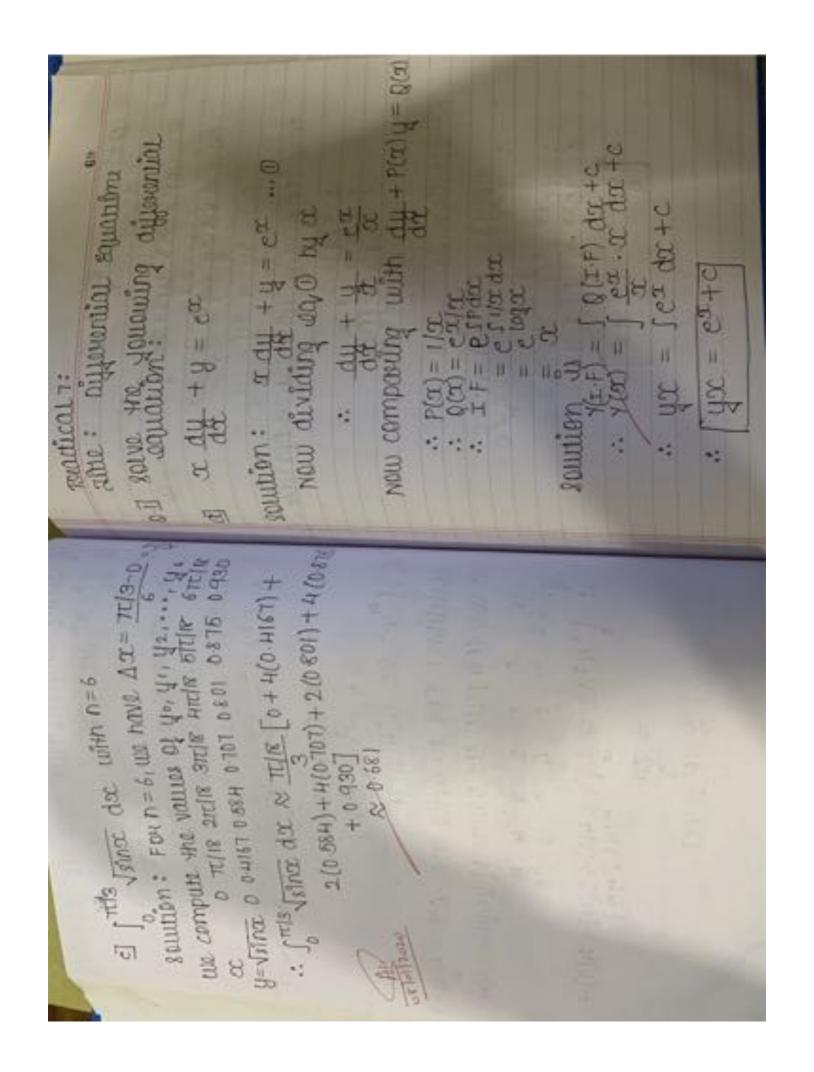


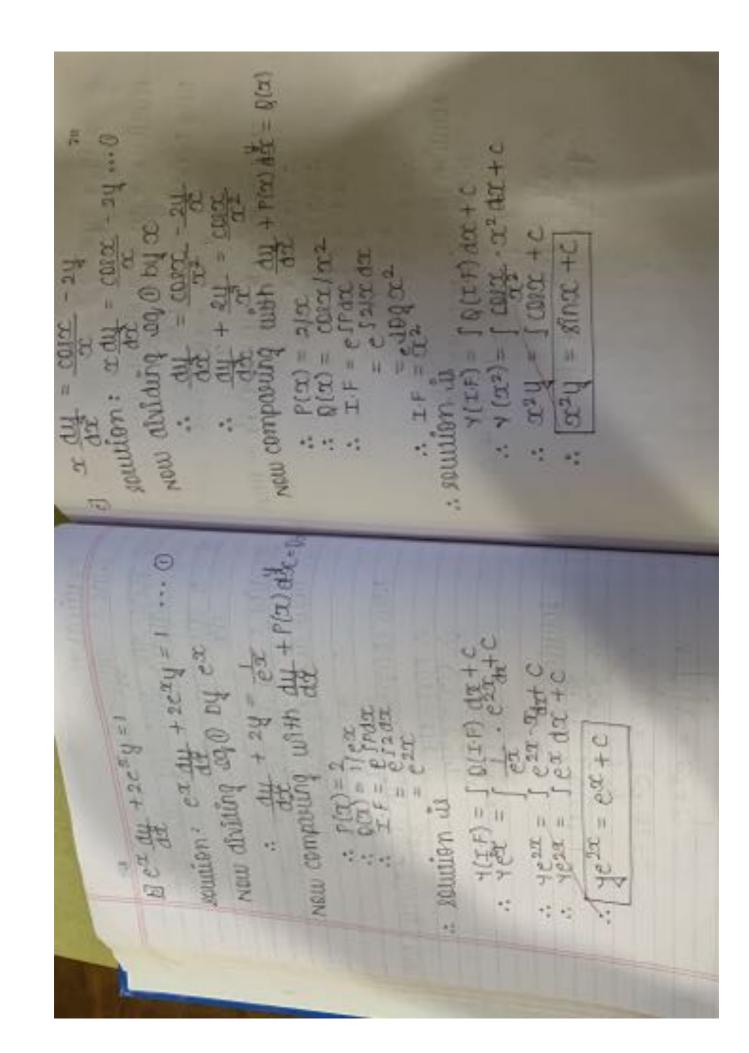


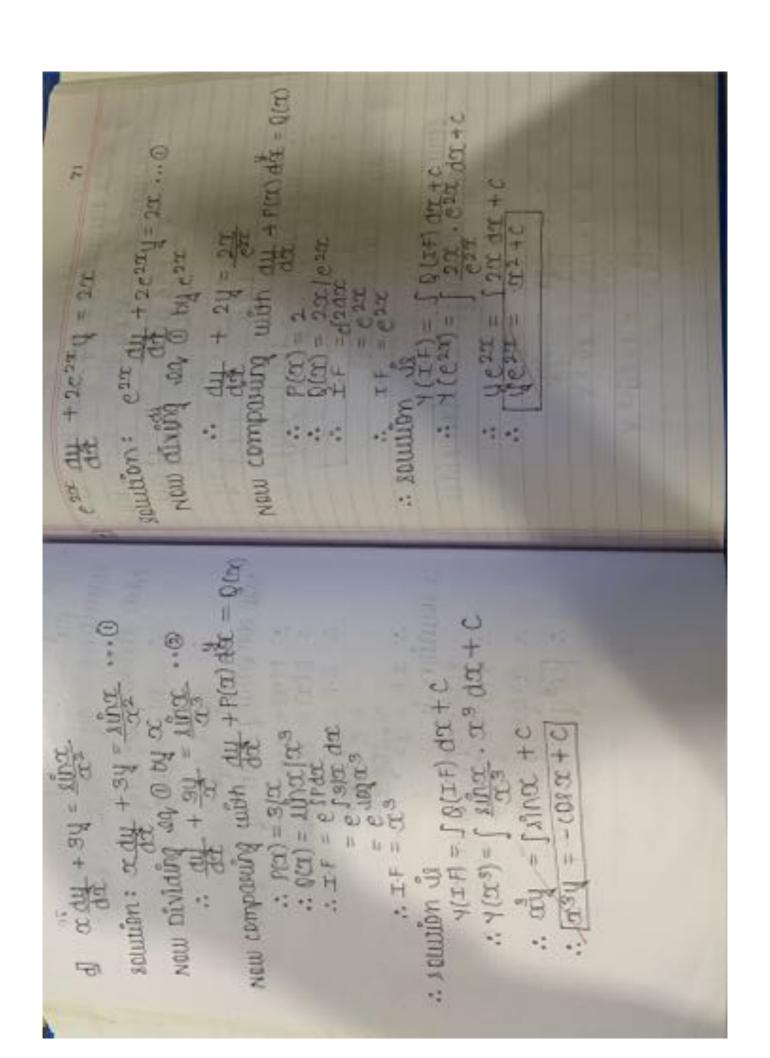


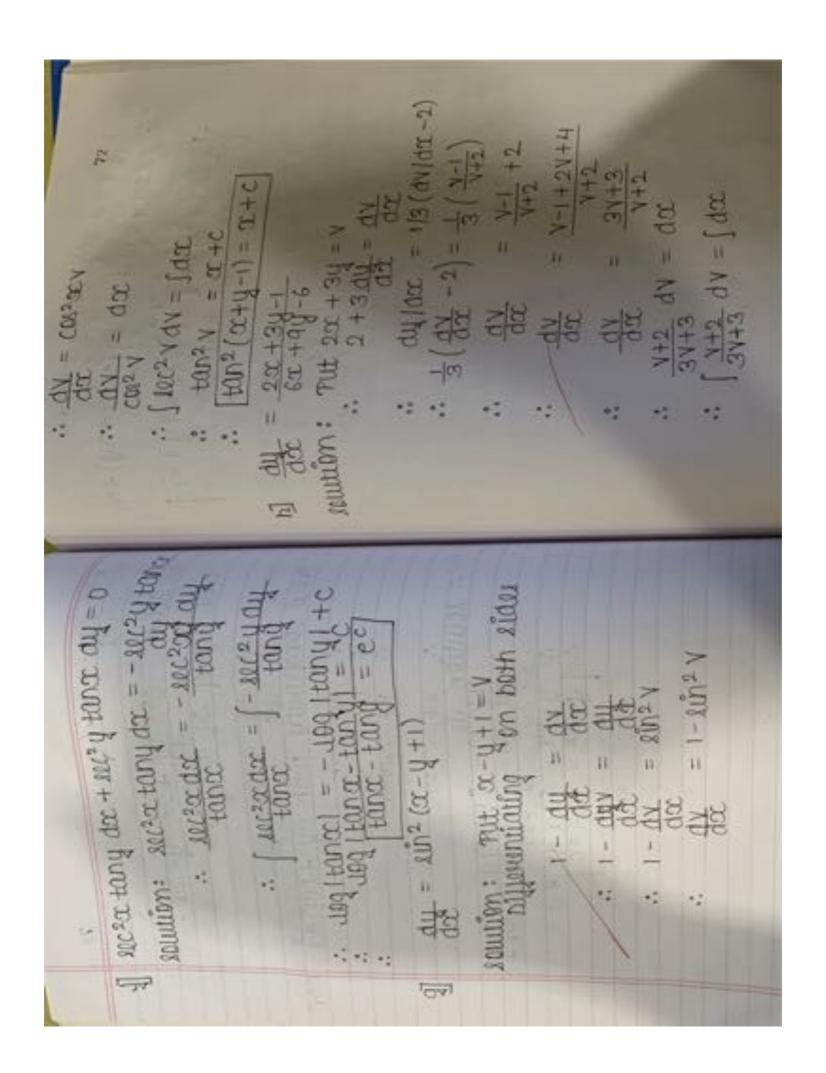


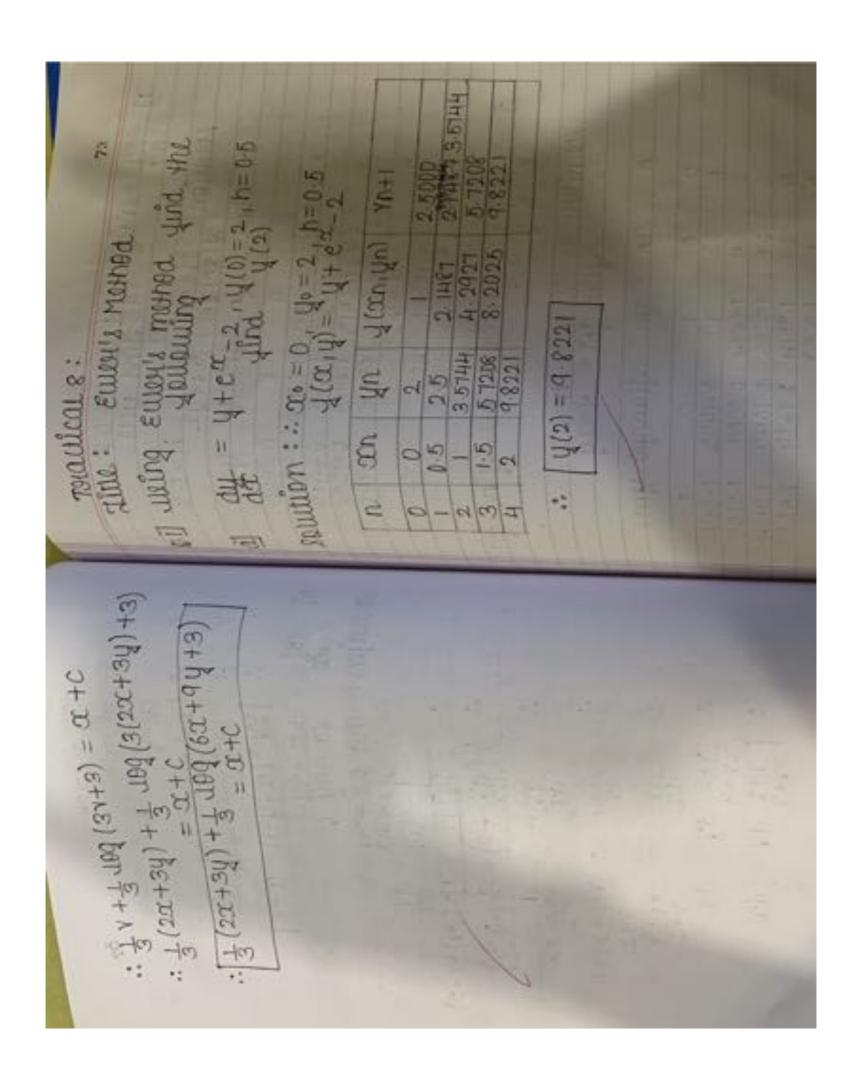
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19 10 con dor with n=4
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                                                    the compute the vanies of young your ya
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                                       retuition: Fort has 4, we have $50 = 2-0 = 1
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                                                                                                                                       1 1 " da da with n=4
                                                                                                                                                                   = 2 \int_{2}^{2} \frac{d\alpha}{2 \sqrt{1-2n^2 \pi}} \cdot 2 \frac{d\alpha}{2 CO3} (u) du
= 2 \int_{2\sqrt{1-2n^2 \pi}}^{2} \cdot CO3 (u) du
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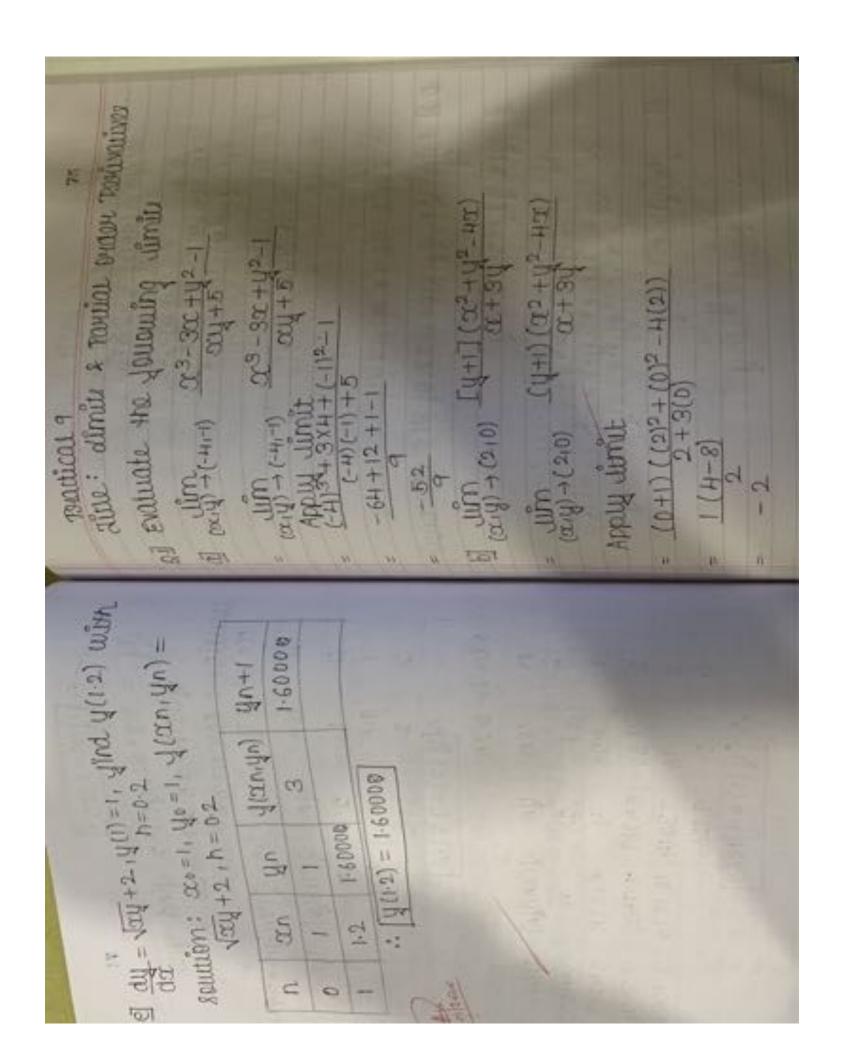


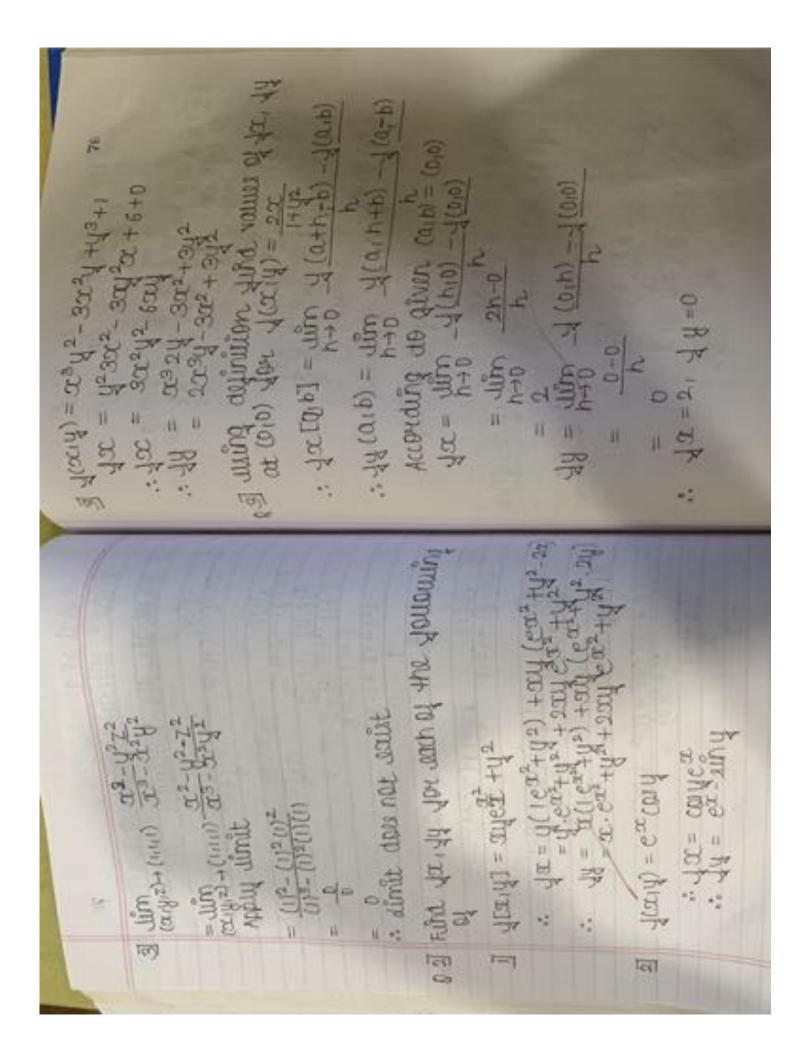


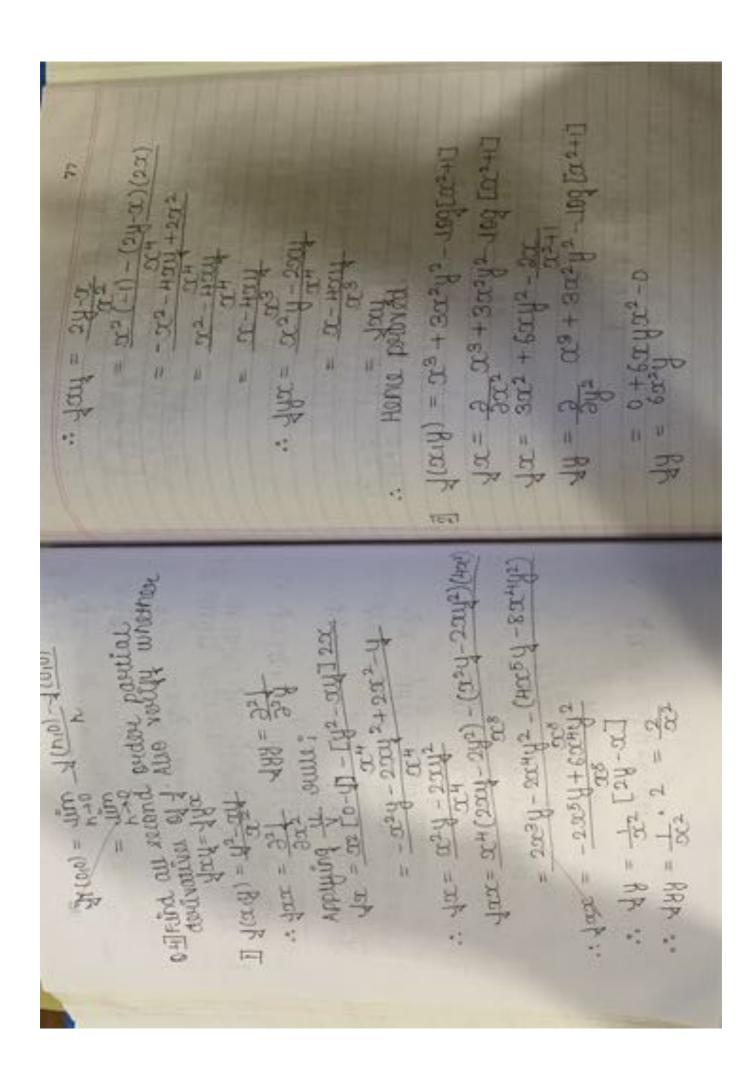




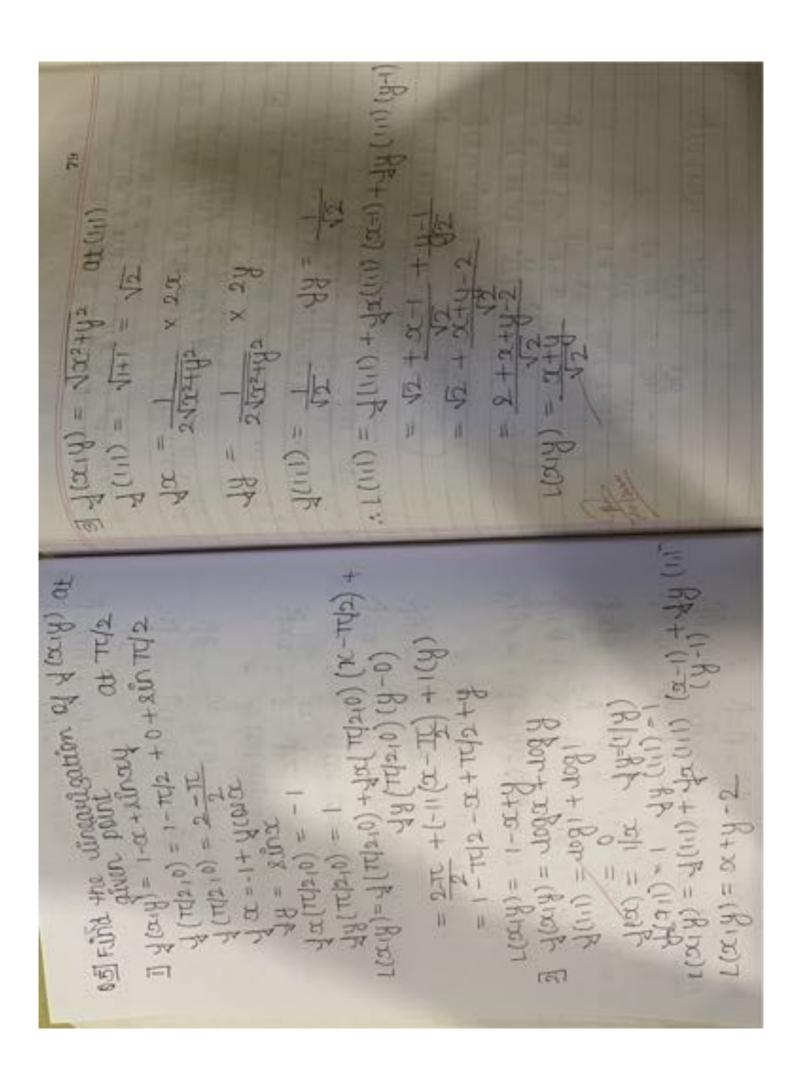
| = | | | |
|---|--|--|---|
| =2 4 and 4(2) 0.5 14 (cm yn) = 3x24 | 4-0000 th 00000 th 00000 th 000000 th 00000 th 000000 th 0000000 th 000000 th 0000000 th 000000 th 0000000 th 000000 th 0000000 th 000000 th 0000000 th 0000000 th 0000000 th 0000000 th 0000000 th 0000000 th 000000 th 0000000 th 0000000 th 0000000 th 000000 th 0000000 th 000000 th 000000 th 000000 th 0000000 th 00000000 | Un+1 4-0000 | 4.9894 |
| 2 4ind =0.25 | 1-1-500 1-1-500 1-1-500 | 4(100) (m) H | 10 K 15 |
| (0) - 1 | 2 4 2 1.8150 1.9 4(2)=7.8750 | 5, 4.3 | 20 64219 7 20 64219 7 20 9.9063 14(2) = 9.9063 |
| My = 30c2+1.4(1) do you h=0.5 & 1 for h=0.5 & 1 co=1 , yo=2 , h= | 15 - 25 - 25 - 25 - 25 - 25 - 25 - 25 - | n 3n | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 |
| 1 dd = 30c2+1, yr. dd dd yor h=0.5 & no. 1 yo-2, 1 h= 0.5: | [c 0 - a | 4 60 | - H W T |
| 10 dt = 1+442, 4(0)=0, h=0.2, 1 | 0.2 0.2000 1.0400 0.40 0.4 0.4080 1.1665 0.64 0.6 0.6413 1.1113 0.92 0.6 0.6413 1.1113 0.92 0.8 0.9236 1.8530 1.29 | 30 1 1 1 1 1 1 1 1 1 | л эсл цп Ц(эсл.цп) цп+1 0 1 0 1 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |

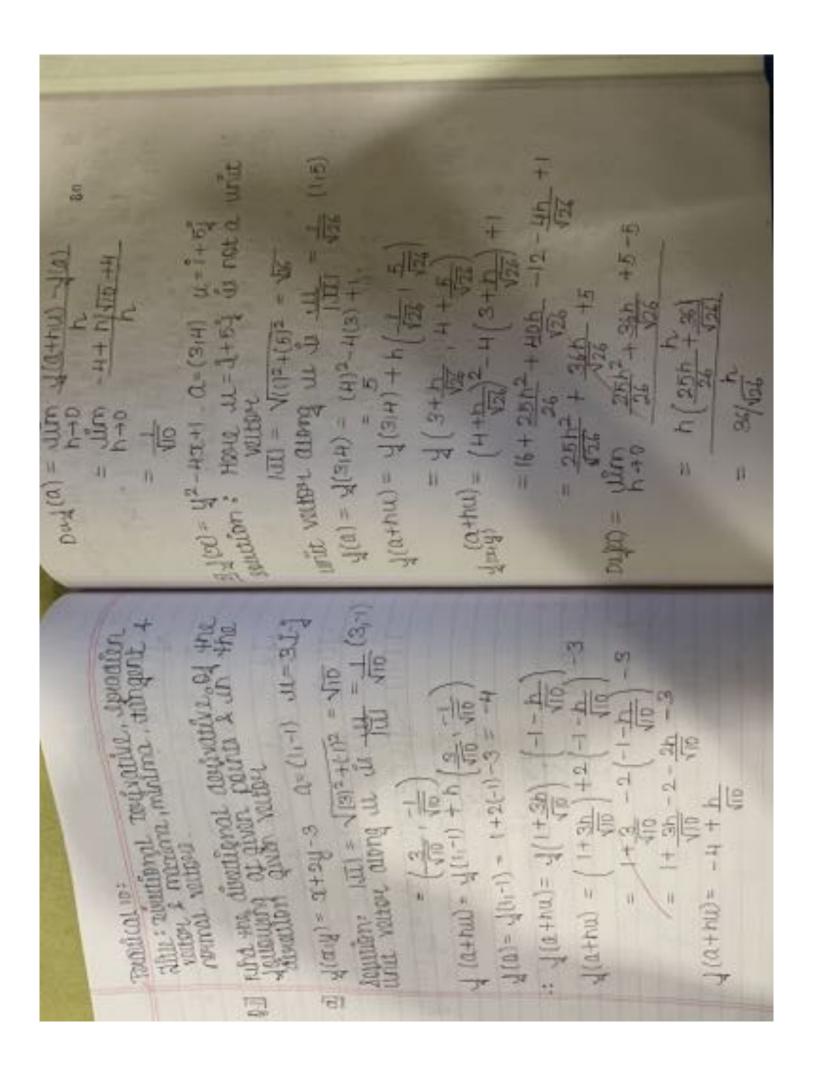


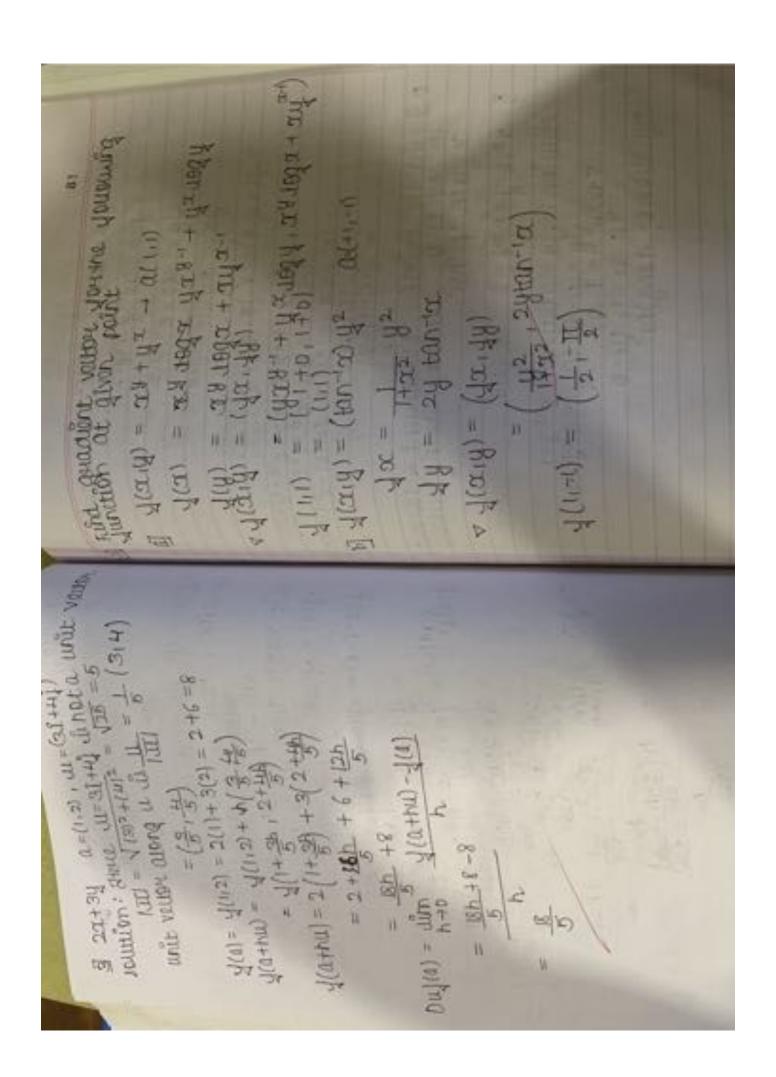




\$ 2 (cary) = 1 20 (ay) + exty Jay = 2 Ja - 800] - 800] - 800] かる。 135-400mg 35-15 135-40mg 35-15 135-40 14x = 3x 44 : Hang perovod That > 1200h ज्या = भीवर रिक्टा = रिक्रो







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\frac{3}{3} \frac{\alpha^{2} + 4^{2} - 1 = 0}{4^{12} - 20^{2} + 34 + 2 = 0} \frac{3}{4^{12} - 20^{2} + 34 + 2 = 0} \frac{3}{4^{12} - 20^{2} + 34 + 2 = 0} \frac{3}{4^{12} - 20^{2} + 34 + 3} \frac{3}{4^{12} - 20^{2} - 2} \frac{3}{4^{12} - 20^{2} + 3} \frac{3}{4^{12} - 20^{2} + 3
                                         1/2(100,24) = (02 0 2(1) +e' 0 82

1/2(100,24) = (03) +6

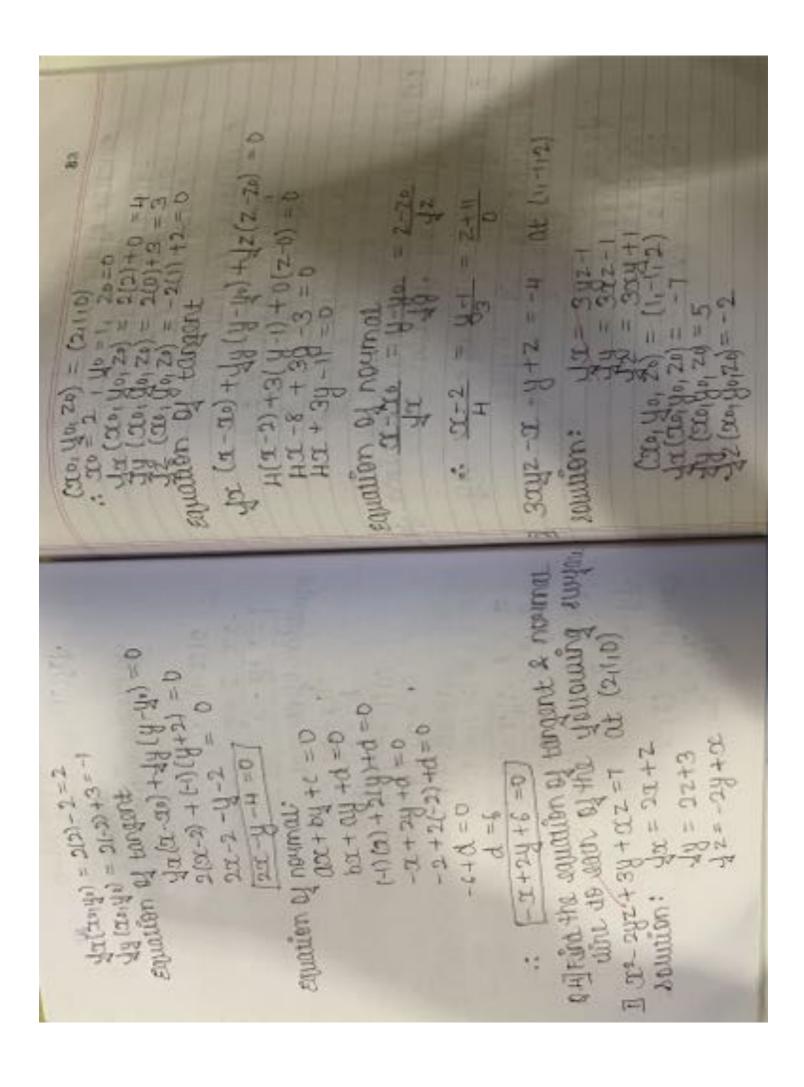
1/2(100,24) = (03) +6

1/2(100,24) = (03) +6':1
1 (a-10) + 1 (a-10) = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (1)(1) +2(3)+d=0
-+24 +d=0
-+2(6)+d=0
                                                                                                                                                                                                                                                                                           1, 2(2-1)+1(4-0)=0
1, 22-2+4 = 0
1, 22-44 = 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             40=-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                = (42-cx+y+z, 22-c3+y+z)
= (42-cx+y+z, 22-c3+y+z)
= (-1,0-c++y+z, 23-y+z)
= (-1,-1,-2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        and the counties of the delicating during cuerns of given a tre delicating during cuerns
                                                                      (011-11)=0 2+A+52-2/10-(2/h12/h =
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Tasign = (10)

Tasign = (10)

Squatten of tingent
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substitute value of a in egra
                                                                                                                                                                                                                                                         . I has maxima at to, 2)
                                        H-126- 82 H-43 -32 -4
                         0- H= IE-AC
                                                                                     0=0
· 32 - 3x - H = D
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= OLE - 12
= ((2) - (-3)2
                                                                                                                                                         6-= 400k= 4:
                                                                                                                                                              of Find the local massima 4 minima you the tre jointition
                                                                                                                                                                                              1 41x14) = 3x2+42-3x4+6x+-14
                                 \frac{-7(\alpha-1)}{-7\alpha+7} + 5(\frac{1}{4}+1) - 2(\frac{2}{2}-2) = 0
\frac{-7\alpha+7}{-7\alpha+9} + 5(\frac{1}{4}+1) - 2(\frac{2}{2}-4) = 0
\frac{-7\alpha+9}{-7\alpha+9} - \frac{1}{92} + 16 = 0
                                                                                                      30uulion: 15 = 6x -34+6

30uulion: 15 = 6x -34+6

30x -34+6=0

30x -34+6=0

20x -34+6=0

20x -34+2=0

20x -34+2=0
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                                                                                      Equation of normal
                           Equation of tangent
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.: set-12 = 0 & se=0 ... set ning asse souddle
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= 1 - 16 - 2 + 32 - 70
= (7+30-70
= 31-70 = 33
                                                                                                                                                                                                                                                                                                                                                         of y(a1y) = 22-1/2+2x+ey-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      .. buttical paint in H. 4)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        347.82 = 2(-2)-107-
347.82 = 2(-2)-107-
4(4) 04 (4)41)
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H=B :: 0= 88
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+ = 104 = -2.

3 = 348 = 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            18 =0 302-24 =0 -00 H
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 4 =0 30,00 0 substitute 19 4 30 30,00
- 30/2+1/2-34/4 + 6x-44 4 (1) = 30/2+1/2-30/2+6/0/2+6/0/2-30/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2+6/0/2-6/0/2+6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0/2-6/0
                                                                                                                                                                                                                         January 12 = 80.2 + 604
                                                                                                                                                 Th- Rocer 422 = (RIX) } E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      conflict point in [0,0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      HT5 = 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               * 01 = 4000 = 0
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