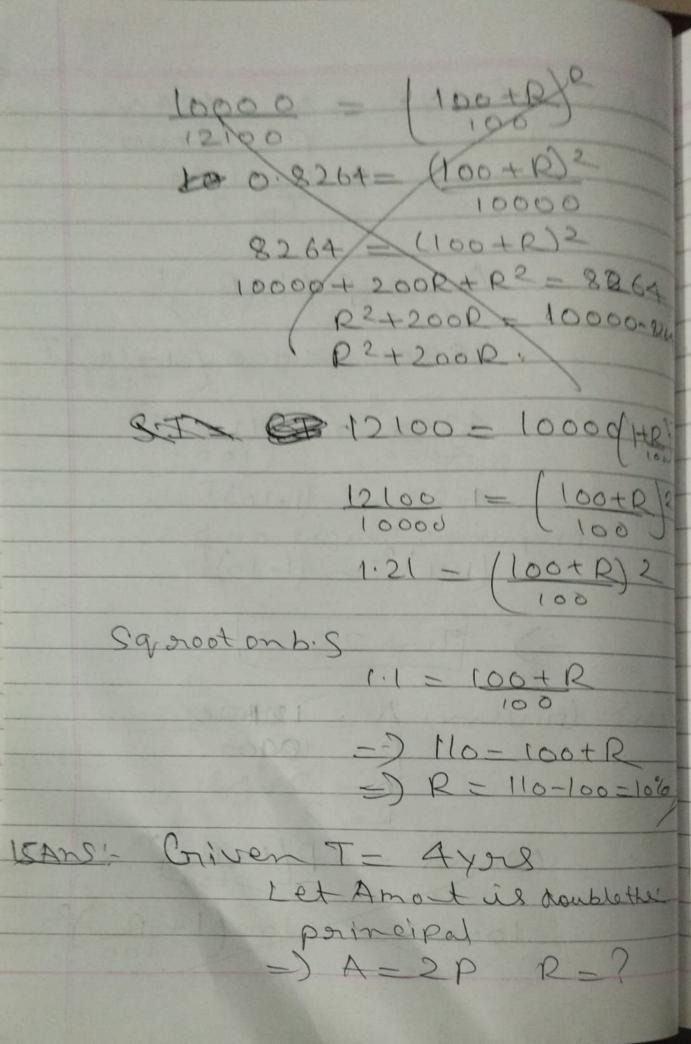
Section-A (Percentage)

(2) PX+1X11 = 12100 ON = 100 P 2 121000 20000 201. 2 increase ON =120 dieners of sep 20 at 1. 100-962 47. chosas @ o.av 125 100 × 100 2204 (8) 0.6×0.9×00.84V 6 100l=1200C1 8-29-4302 O.BOM. 20 3 U 2100 C. 6.15MZ 80 M = 333.33 Relieton = 20 x po 260 8 1NY1,140,9 = 2025 140 100 02 89.37° N = 2025 2 2050 83 +15 = 0.36M MZ 1000 00 177.78

Section - B MANS: C.J peramually) = P(1+R) Criven 1 = 10000 R-10'16 n=2428.

() = 10000 (1+10)² = 10000 (110)2 10000 (1.10)2 12000 (1.21) - 12100/ $\frac{110}{21000}$ = $\frac{12000 - 10000}{2100}$ 110 12192 Ans - ST - PXTXR 1 - 50 dpx 2 x 10 - 10004 A - P(1+R)2 $=5000/1+10)^{2}$ = 5000 (110)2 = 5000 × 1.21 = 6,050, C. I = 8050 - 5000 = 1050/ Diff = 1050 -1000 = 50/1

(BADS: Griven, &= 4840 P= 4000 R=10.10 A - P(1+R)T 4840 -4000 [1+10] 4840 = (100)T 4.21 - (1.10) comparing square on b.s.
(1.1) = (1.10) T =) [T = 2 yous] MANS- briver, A - 1000 P = 10000 Bexc = m Amout - P(1+B) 10000 2 12100 (1+R)2



1 A = P(1-18)7 2P = P (1+B)4 2 = (1+13)4 quant root on both the side J2 = (1+R) 1.1892 = 1+R 1+2 0.1892 - P =) R-18.92% 16And:- Griven, Sun double in3 yors at C. I In C. I, 'I famout double in Tyears then; 7.5 It II becomes Atimes in 27 - It Il becomed 8 times in 3T The Lo double = 3 x ors.

Boiting to be comed stined = 8x3 g 19AL; Oniver, P1=12,000 R1=800 R2 = 1010 P2-2000 Assua tine is san forboth Surate i. Using SI. Forda. S. I. - 12,000x1X8 = 960 - D 920 S. I2 - 8000XIXIO 199 = 800-0 Total S. T - 960 +800 - 21760 Total Porincipal - 12 200 +8000 = 22000011 'Aug Rate = P760 XIDD (TOTALTITUE)
TOTALDINA = 8.8°10) ×100

Sum - Difference x(100)20 ISANS: 4000 - Differcex (100) 4000 - Dift x 10000 Apply Diff Dift - 240/ Griven, n= 3xxx 20ANS 1-R-5% A = 2512.50 P= ? PI- De PIHRDO - P 512.50 - P(1+5)2-P 512.50 = P(105)2-P 512.50 = P[(1.05)2)-P 105 2/5 512.50 - p[1.1025 - 1] 512.50 - p(0.1025)(1) +0 +0

MANS: briven, Total Truest to -216,006 P= 10°10 m I on one part = 3 mg For other part 5 mg.
Total Interest = 26400 Det mont invested for 3 years 32 Let most invested for 5 you [16000 (2) Interestiforom 3 yors invested II = EXXIOX3 = 6.32 Interest from Byris invest. F2 - (16000-2) × 10×5 = 0.5(16000-00) Total Intérest B.30c+0.5(16000-0c)=6400 0.300+8000-0.50=640

-0.200+8000=6400 -0.2x = 6400 - 2000 70.2x = f1600 = 8000 'amout invested for syears = 16000 - 8000 = 8000/

Profit & 1055 Section(c) 2) Ars: - Shoop Keep en problem biven, 2055 = 40°10 profit (if sad 100 more) C 5970 Differ in Sp= 100 to Pase

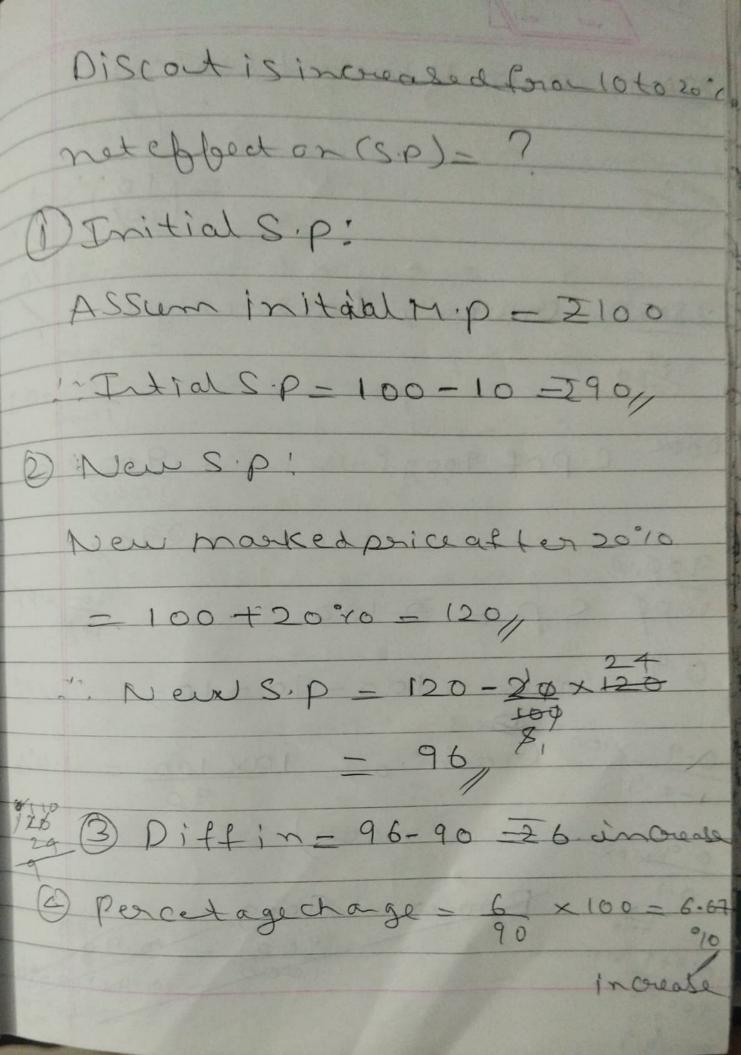
& Formula Diffins.P = Cost paicox(pro) 100 fit 10 + 100i) } (5 beforederiving, (100-10)

8.p (for10°101) - 90x (.p S.P(for 5°10 Profit) = 105 XM in order to derive, add paolit & 1088 in this formula Diff ins.p = C.px (10+5) 100 - C.PX15 =) C·P = 10000 = 666.66 DANC:- Griven, Let us assure Costpria & Marced price - 30'1008 C. Palle Successive discrt = 10 each 10+10=20 acio as

Manked price - C.P+30000 - 100 + 30-530 So, Net Discot (successive discort) a+b- 0xb = 10+10 - 10x10 a= 10 b= 10 - 20-1-19°10 +10×20 SO, S.P - M.P - Netdisct 130-19 60 BO 100 130-19 × 130-24 30+1 -2105·3 3211 Since Cip - \$100 Sp - \$1053, Gain = 105 - 100 - 75.3 Crain 90 = 5.3 ×100 = 5.370, 120 00 100

3205: Criven, Costprice of loadide C. Potantide - 8 8. pofeantide = 71.20 profit = S.p-c.p = 1.20-0.8 = 0.4 0.8 - 2006; + 0.10 - 0.8 - 20.8 MANS: Oriver, Discat = 2016
Profit = 25'18 125,364 $-\left(\frac{100+25}{100-25}\right)\times 100,-100$ = (156.25)-100-56.25

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30+200	
30+20+ 1000 30+20p=32	
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130 Ci Tanoans to	1
2 Buncheases, apply Successive	I
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26Ars: - Oriven Markeup Price ist	>
Orealed by 20°10	
DY 20 18	



900 1,00 = 100 (a 2201) Hejew March (cons ! 21AFS - (200)2 90 100 9 E) 28ANG - Criven, false weight 9009 C. Pof 900g Parsec - 900 × 100 = 590 11 9 ppxia S.P - 2100 1000 Crain = 100-90-10 0.9 ×100 Grain 10 = 10× 100 = 4.11/6 1-0.9 1000 0.9×100 9009 Eson or

Tome weight = 1000- 9000 10/ Sor Grain 10 = 10 100 = 11/1 brain 10 - Error Xtoo Egren = 1000 -900 = 1009, Tome weight - 900g brain 10 - 100 x 100 = 11.1/0 29Anst Griven, Discout - 5°10 Crain = 2016 C.p ((p) = 7 100 · Crainto- Com S.p-C.p =) S.P =) Grain + C.P Sop = Mop - Discot) 120=Mp Acoro Discot - 100- Dis Jo = 100-5=95% 1. P = 120 = 2126.32 (O) M.p = 100+ Grain's x0-p 100 - Discet 10 - 120 ×100 - 2126.33