(i) = 25 1. 200 25 X 200 =50 b,50 0-2 40 40 of 80 40 xx = 80 x = 80 x = 80 2 200 C = 20 e-3 -- e/o of num is 150 75\$ = 75 (n = 150 2 = 150 750 x= 200 h = 200 C4 15% of 120 $\frac{15}{100}$ \times 128 = 18 C = 18 0.5 301 of num: 590 30 x 90 x = 90 x=300 C=300

084_Shubbacla Aher_JH PG- price of product of intrace 200 to 250 1 250- 200 50 increase 50 P = 0 25 x 100 12 - 25% Q- 1) Salary in 40, 000 to 50,000 I = 50,000 -40,000 10,006 incruse 10,000 p = 0.25 × 100 25% 9-8] pride drop = 500-400 d=100 p-0.2 ×100 = = 0.2 p= 20%. 9] decourse = 10,000 - 8008 20%.

10 (p= 600 SP-450 0 = 600 = 450 = 150 P=0-25×100 D- 150 150 1 = 0.25 25° 11] 30% of 300 40 cf 300 = (30) x400 = (40) x 300 0.40×300 = 120 120 2] Saving pertentage = 100% 60% = 40%. 40,1 = 8000 40 x x 8000 =0 40 xx=8000 X = 8000 x=20000 a.13) A: 5201 more than B let = B = 100 A=120 pl-(20)x100 14) perkentage reduce (25) 1100 (25) × 100 20 %

15] 40% more than B PL = (40 / 100 40 ×100 28.51% 0-18] orginal = 100 increse by20/1 = 100 + 700) x 100 increse by 10% 120 (10) 120 = 120-12 net change = 10-8-100 = 8 81. Increse 17] let N=100 Mcro-301= 100+ (36) x 100 = 130 iner 20% = 130 - (20) ×130 Not chang = 104-100 4% increase Q-18 letp-100 iner 251= 100 * 100 |x100 incr= 20/=125(20) x 12) Net chang = 100-100 = 0%

let \$ = 100 Iner 401/=100 H40) × 100 increby 301- 140-(36) * 40 = 140-42 Ner chang = 98-100 Not anyer 21. derreare = 20] let-5-100 increst - 201. (00+ (20)x100 increc. 120/0 x12 120-12 Net chas a 108-100 801 87. increase SP 1004. + 251 = 125.1. c-22 SP = mp - Dis Discount = 10% of 500 (Foo) X 500 SP 500-50 cost pince - 450 = X+3 xx 450 = R (1+ 0.08 4500 = 1.08x 415.67

9-23) let up be 100 profit = 20 %, of les = 20 SP-CP-+ profit 150+ ES 12 P 7 20 ×100 Q-24) Discount 1200- 360 P. Dis = (240) x100 Q-25) profit 650-500 perpendil-(150)x 100 130% Q-20) Let \$=100 A 720 Pl-, 20 x 100 16.67 9-29 rutiv 3+12 3+2=5 pettange-by (3) X100 9-28 Incre 2500000-20,0000 Per Inen= (250,000) X101

(\$ 29) cond A = 651. B=351. spend ysy. Diff= 65-35 = 100 1 - 751 NOTE-30-1-23000 251 of income - 5000 total Vote = 3000 Total - 5000 = 5000 X4-20,000 10,000 (430) partenic intract of 30 × 100 35/ 204: increse 1 et 120-100 = 20%. 30 × 100 Congruptous reduce - 20 KIOS 42.85% 16.671 9-31] let NO- -100 = 16.67/16 inex 50 % of 100 too 150 dear by 50%-150-50 x150 36 Indial Price. 100 incr by 20-1.=100+120 Net along 75-100 231 devreuse decru by 10= 120-12 G-324 A20 y. teller them B 120-100 - 108-100 perfenden 8 () = 20 ×100 B. B. shorterthan A 16.671. 8-1 ingresse Q-37} lesup - 100 Q-33) If 301, 5-90 MP = 100 + 25 = 125 DIS- 201 = 20 x 125 101. 30 = 27SP = 127 - 27 = 100Therfore. Gay 15-30X6 profit - 100-100 80

38) CP=500 Juis-201. 1055 = 20 X50 SP = 500-100 400 39) 1etsed 100 inen by 101 = 100 + 10 = 110 Dear by 10 of = 110 - (100) ×1910 = 110-11 = 90 Merchan = 1 17 pereantine pessing No - 40%. passing mants. 200+20 40% of rotal ments - 220 220-40/100 = 220 X(100) 41) Todas per 20+30+10 = 60% Saw my 12 100 - 60 40% of sala - 18000

tute sul. 18000 -= 45000

42 let cost tobe 100 meri B Of. = 100 +30 Der 301. Bo - (30) x130 = 130-39 Metaloge - 91-100 Net pertances 91/c 43) | years = 10,000 x 1.10 2 mdyer-11000 × 110 3 year = 121000 ×1.10 13310 151. of A = 20-1. of B 0.15 A = 0.20 B A = 0.20 = 20 4 A:B= 4:3 45) profit = 25 x 800 46) profit - 250-20 partit percentage - (50) XICO = 25%.

48]
$$1855 = \frac{15}{10.0} \times 500$$

 $59 = 500 - 75$