

ூலங்கையின் உயர்தர கணித விஞ்ஞான

பிரிவிற்கான இணையதளம்

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## தொண்டைமானாறு வெளிக்கள நிலையம் நடாத்தும் ஆறம் தவணைப் பரீட்சை - 2021

Conducted by Field Work Centre, Thondaimanaru.

6th Term Term Examination - 2021

தரம் :- 13 (2021) இரசாயனவீயல் புள்ளித்திட்டம்

## FWC - CHEMISTRY - 2021 - 6th Term - MCQ Answers

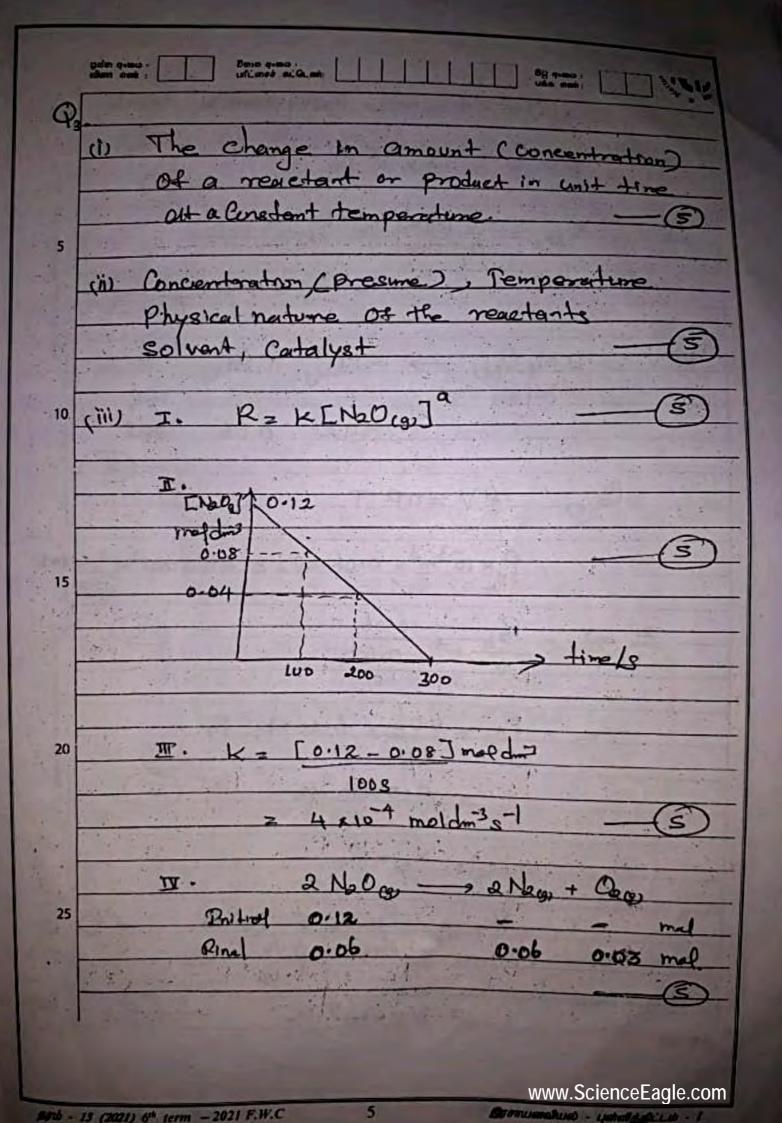
1)	3	11) 3	21) 1	31) 2	41) 1
2)	1	12) 2	22) 4	32) 1	42) 2
3)	5	13) 3	23) 2	33) 5	43) 3
4)	2	14) 4	24) 3	34) 3	44) 4
5)	3	15) 5	25) 1	35) 5	45) 1/2
6)	1	16) 4	26) 3	36) 5	46) 2
7)	2	17) 1	27) 1	37) 4	47) 4
8)	1	18) 4	28) 4	38) 5	48) 3
9)	3	19) 3	29) 5	39) 5	49) 4
10)	5	20) 5	30) 3	40) 5	50) 3

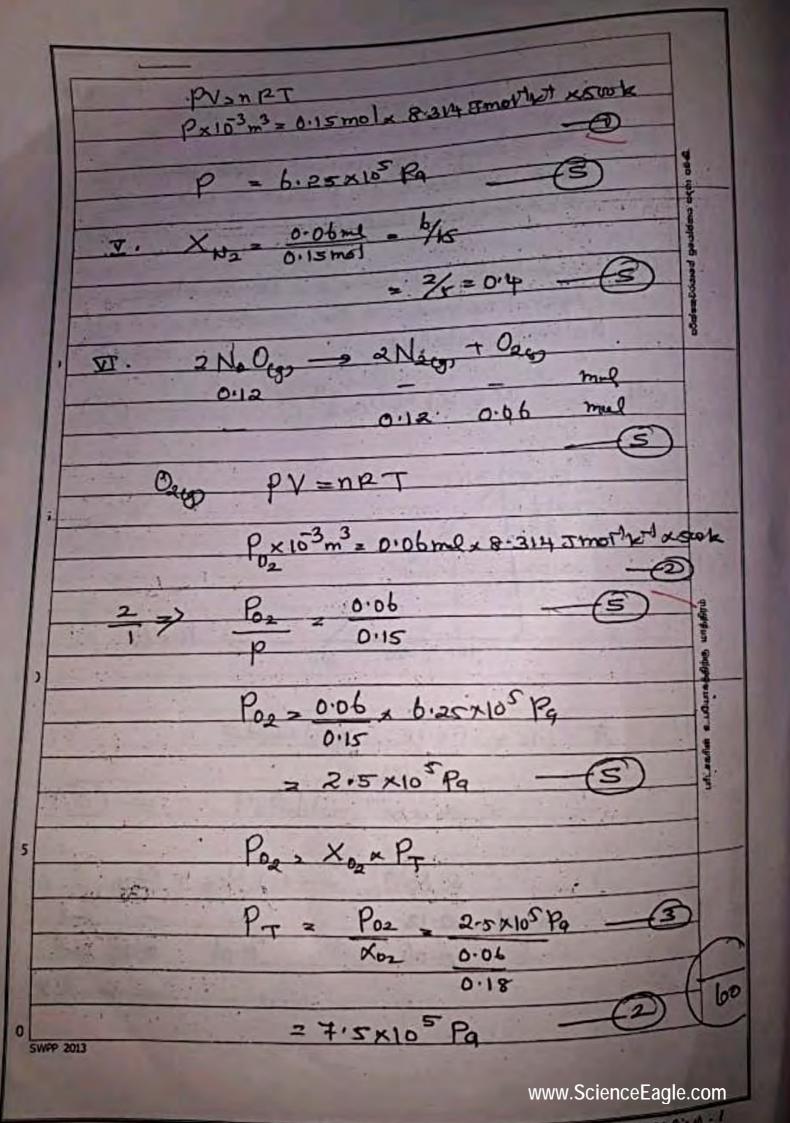


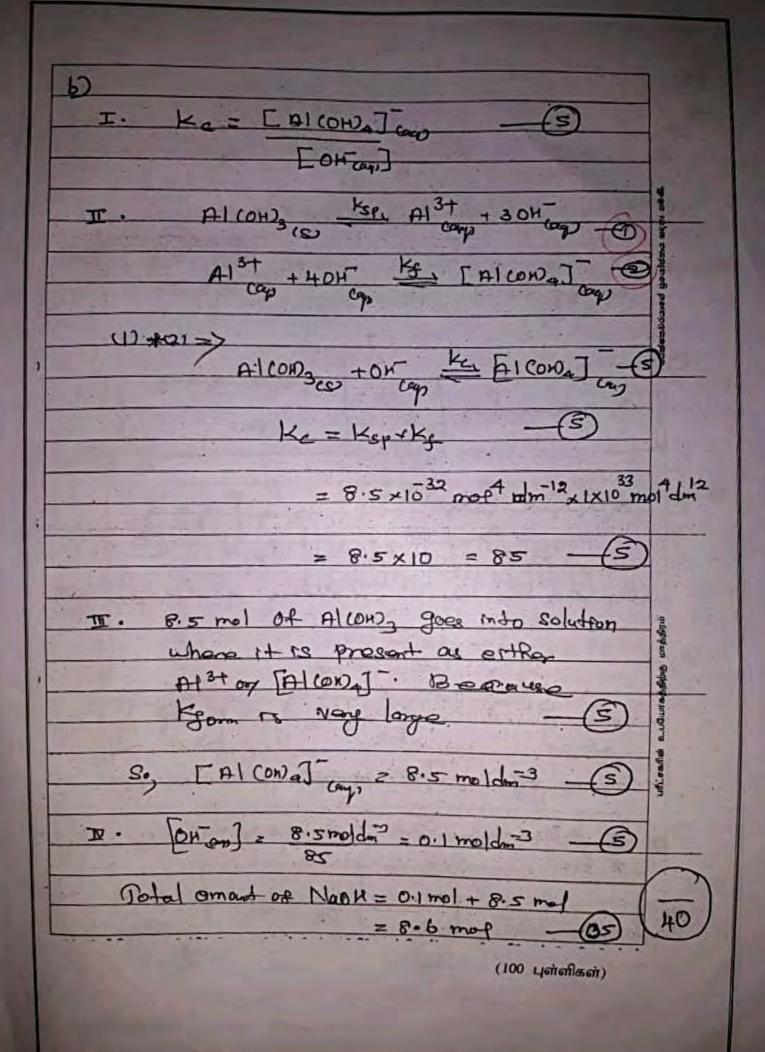


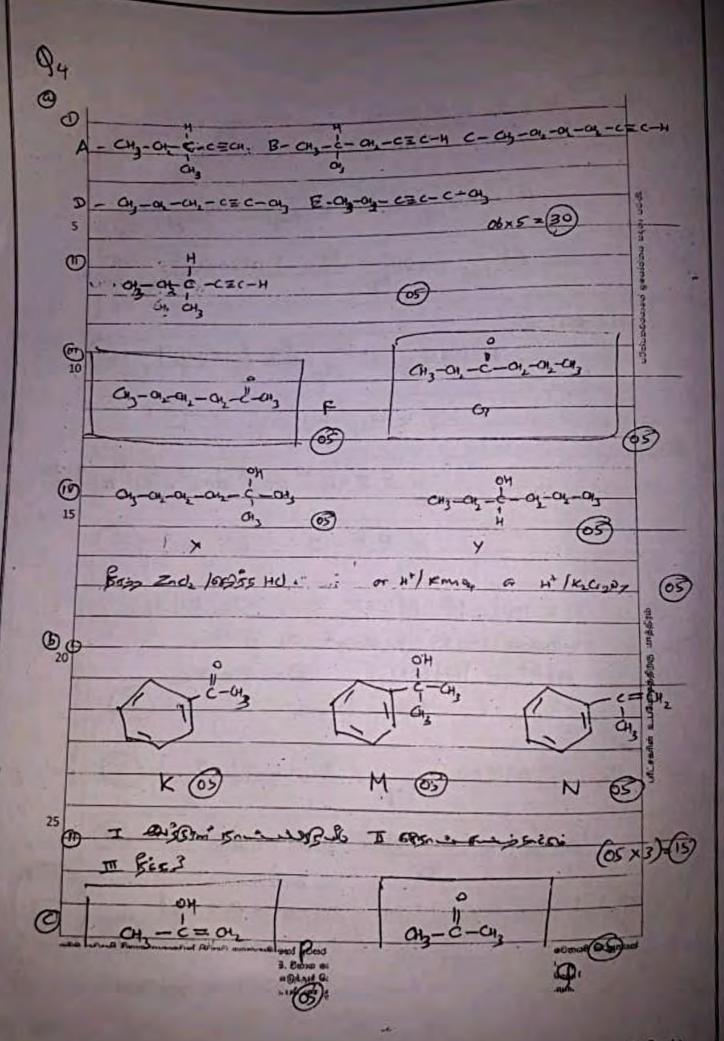
COOH I (in ton (a Hanngh ഇരുക്കോ iv) HCHO 02×6= 12 in) n-hexane in) Ich 1) a] i) Alach a-12 :01-P) :0: ii) :0: உறுத்யூற்றத்து பிக் உறுத்யூற்றத் பிக் உறுத்யூற்றத் பிக்கை முடி மூற்றத் புக்கிக்கை பிடி மூற்றத் பிக்கிக்கை ବାଦ୍ୟ ବ୍ୟବ୍ୟ ବ iii) क श्रम न விலத்திரன் வரவு கேட்டுந்தைக்கை SP3 -3 Dugg J. B. 2 Sp2 BMy Beston 0 SP2 Co BM AR BON HOUSE SP 3 c3 5 my & Conson Sm SP 2 04 +3 முறைவுக் அறை Sp 2 C5 5 my Beanon 6 NE Sp3 Duguand C7 SP 3 Bussel 08

10) Socla + 2 H20 - 3 H2504 + 2 HC/B SU2 Cla + 2 H20 - 3 H2504 + 2 HC/B Hal alunis & Bridge & and Onthing and Drugger on the Bridger of the State of the St v1 T, → cos & To - NO3 YEU Felly BONDEN BERTHING S) มกลิติทุนกรร์ กาก ก็ที่สู กากสัย อเกรี Lewy Own mass wood wheeling and with உறதா நிறும் நித்தையும் விறுளியுந்து கலக்கல் VI) ANGTIONS; BNIDTE OBUGE : 0 0: 0 VII) สเมิดอกร (การกษ์พิบาท์ (มิเบอกร (การกษ์พิบาท์ (มิยาย์พิบาท์ (มิยาย VIII) ฐาศ ปัชยาพอาธิบุธกา & STRA Phile Diaman & OFKI fullarin

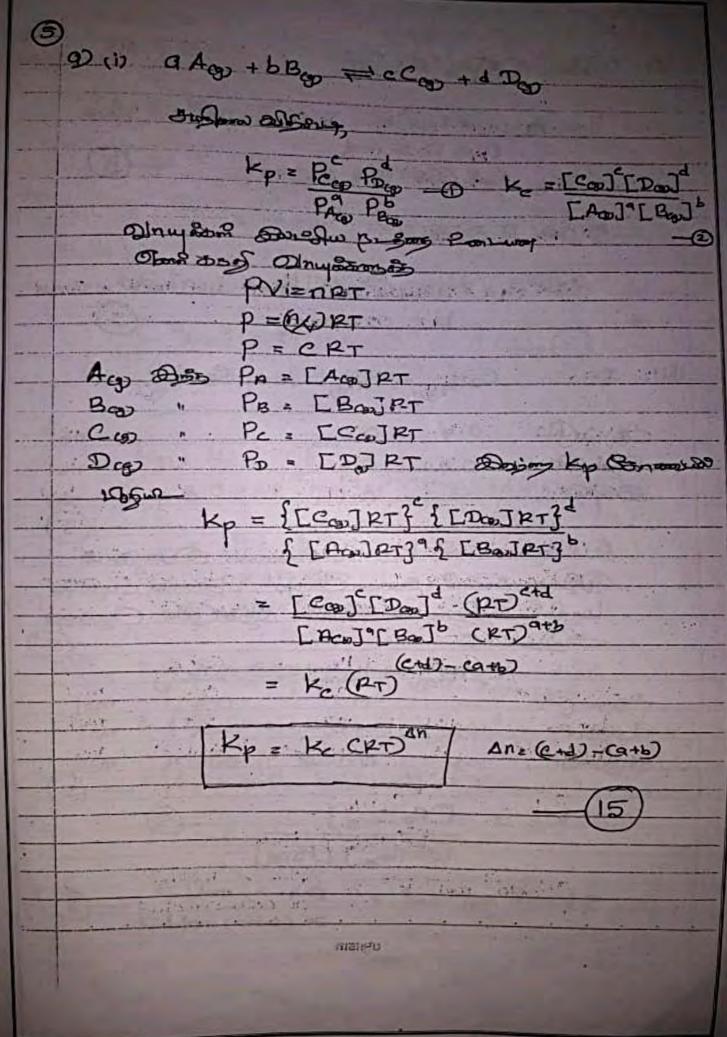


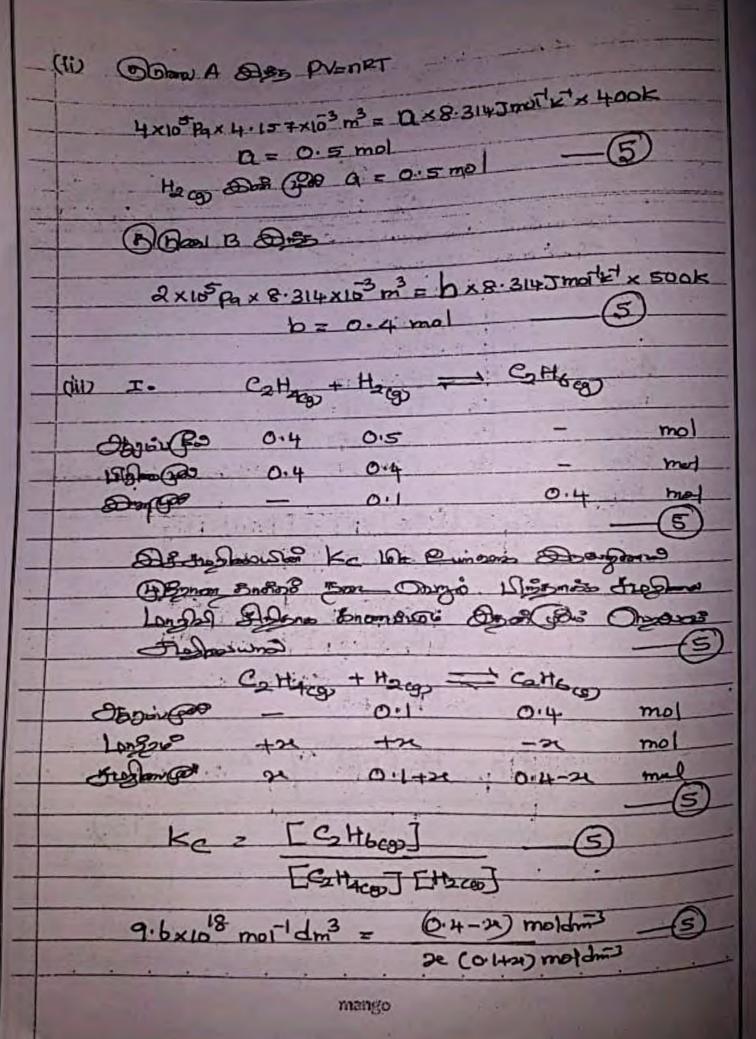




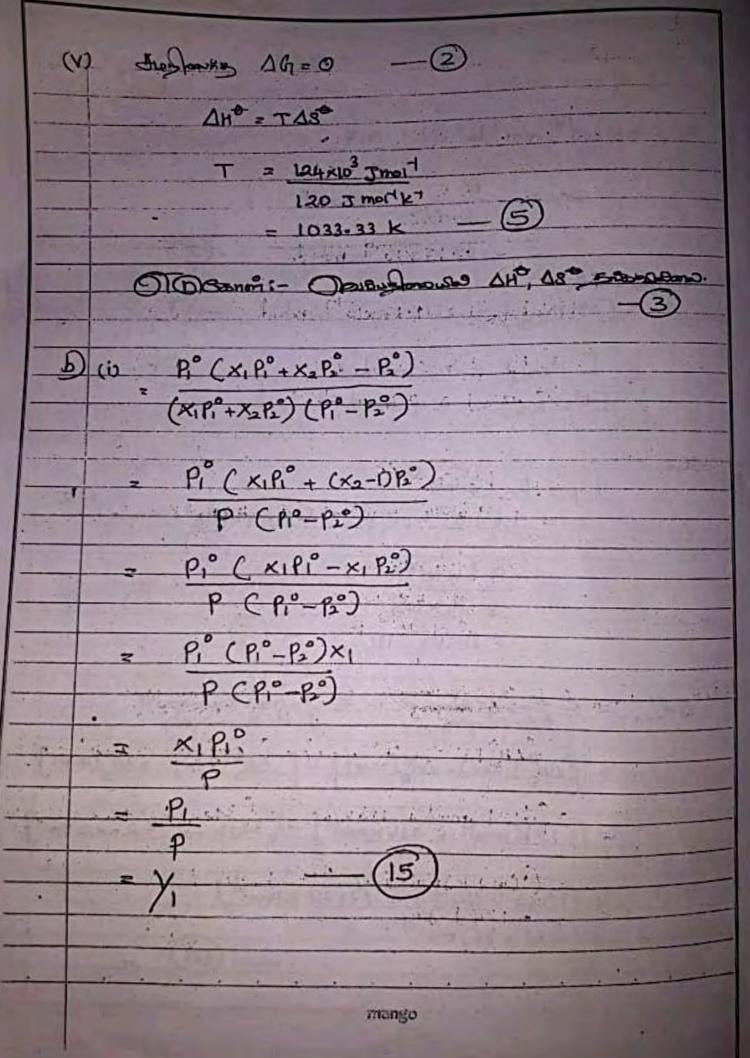


(100 புள்ளிகள்) www.ScienceEagle.com

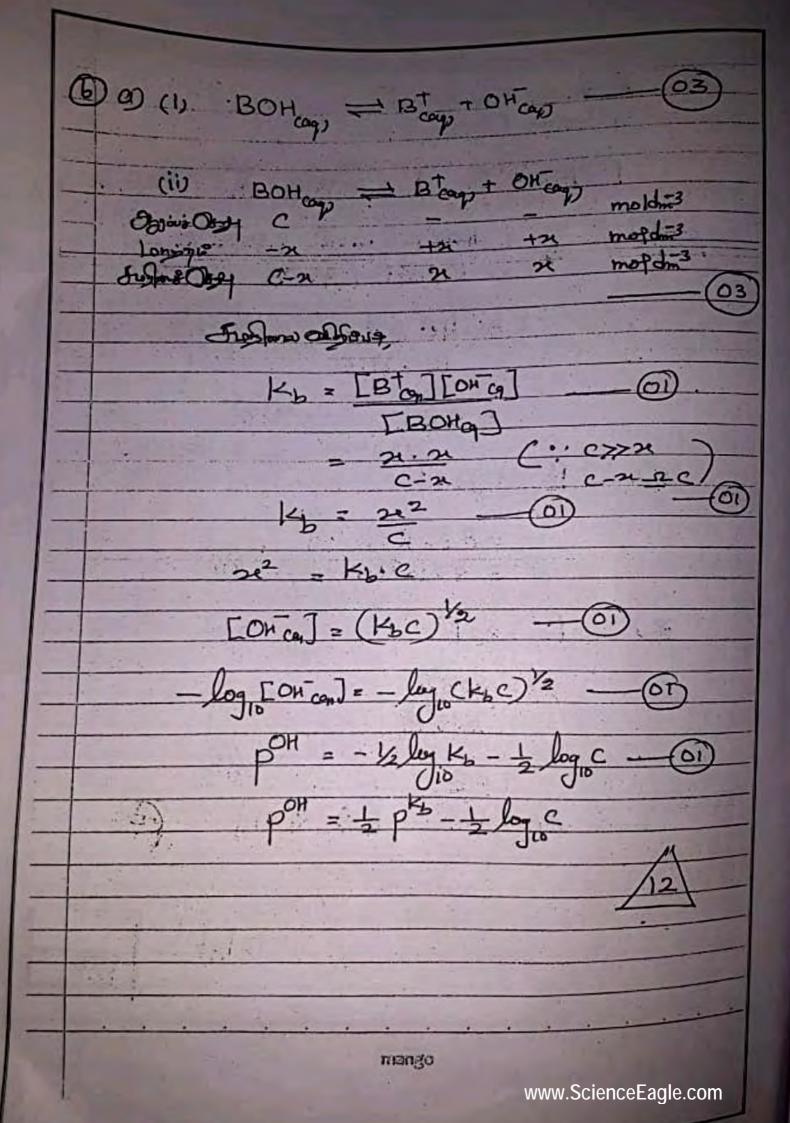


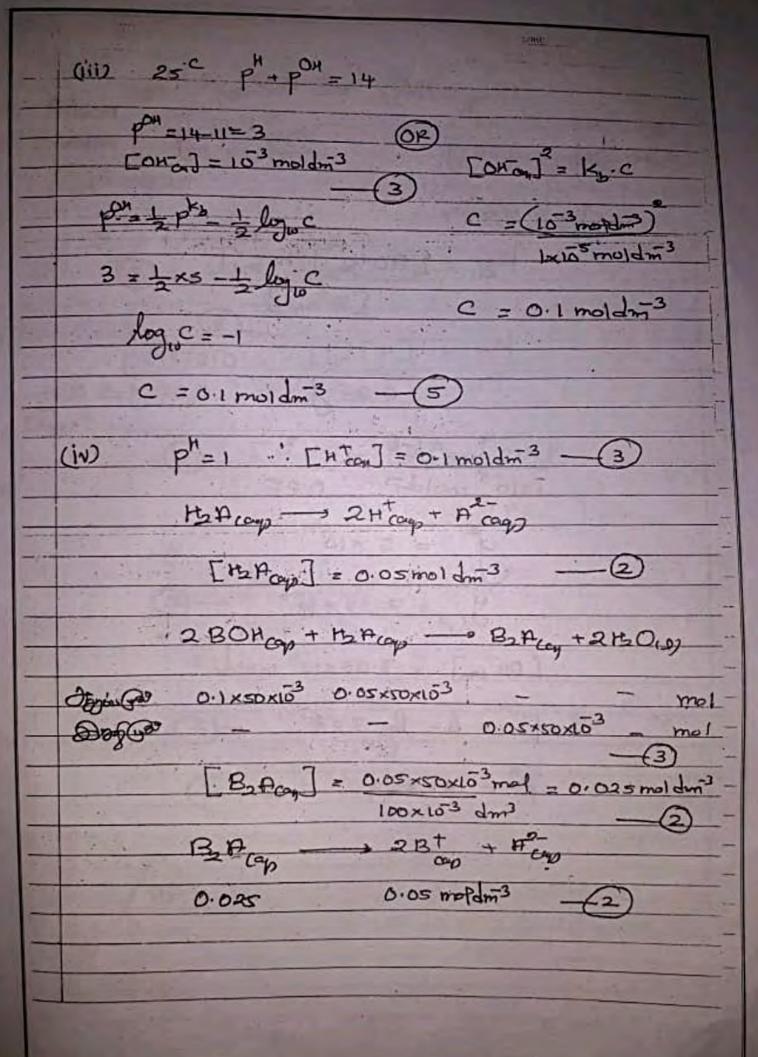


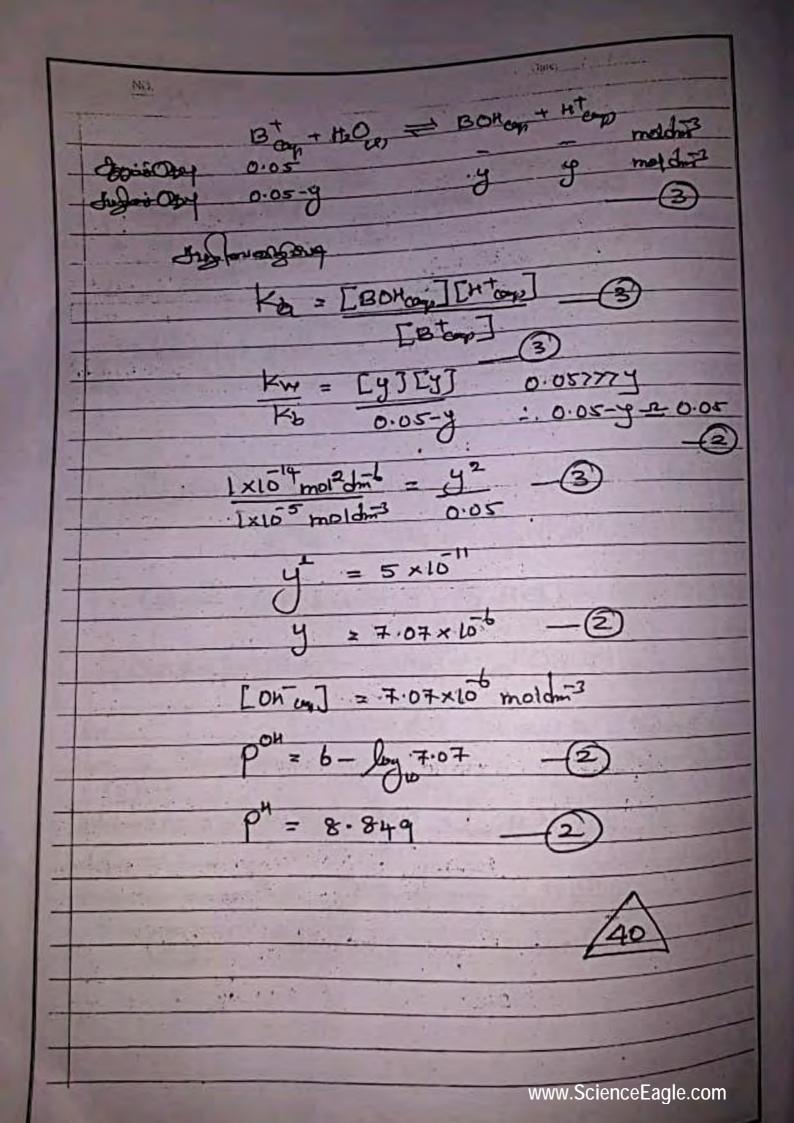
0.4>>> 2 0.4-2-2-0.4 0.1+2-0.1 -5
9.6×108 morth=3 = 0.4
21 × 0.1
24 - 4 merchi-3
= 4:17 x10-19 mold=3 - 5
His Position in the second of
[C1400] = 4.17x10-19 mold-3 - (5)
[ Haco] = 0.1 moldings ? . (5)
[C2H6cm] = 0:4 moldm3
Т.
Kpz Kc CPT) An
= 9.6 × 10 5 moi 1 m3 (8.314 5 moi 1 x 500 k) -2
<u>-(s)</u>
= 9.6 × 1015
8-314×500
= 2.31×1012 pa-1 -(5)
AHO = E Pour Ma Manager - E Brown Managers
= { \DH_C=c] + \DH_CH-H]} - { \DH_C-c] + 2 \DH_C-H]}
= [612 KJmot + 436 KJmot] - [348 KJmot + 2 x 412 KJm]
= (1048 KJmor!) - (1172 KJmor!) -
— (16)

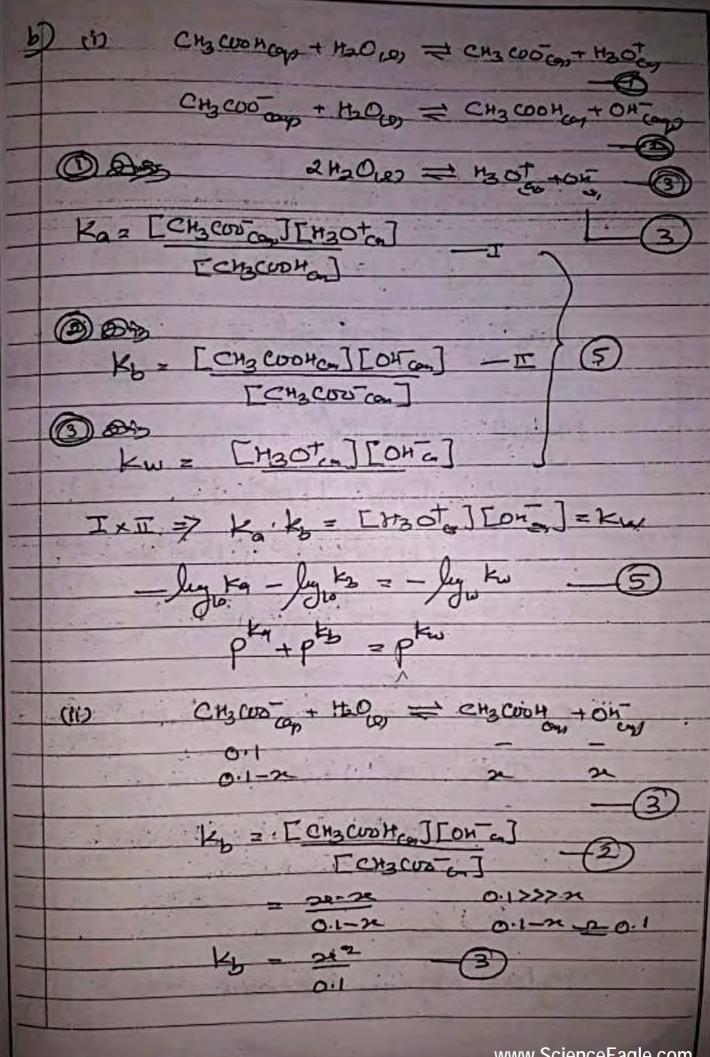


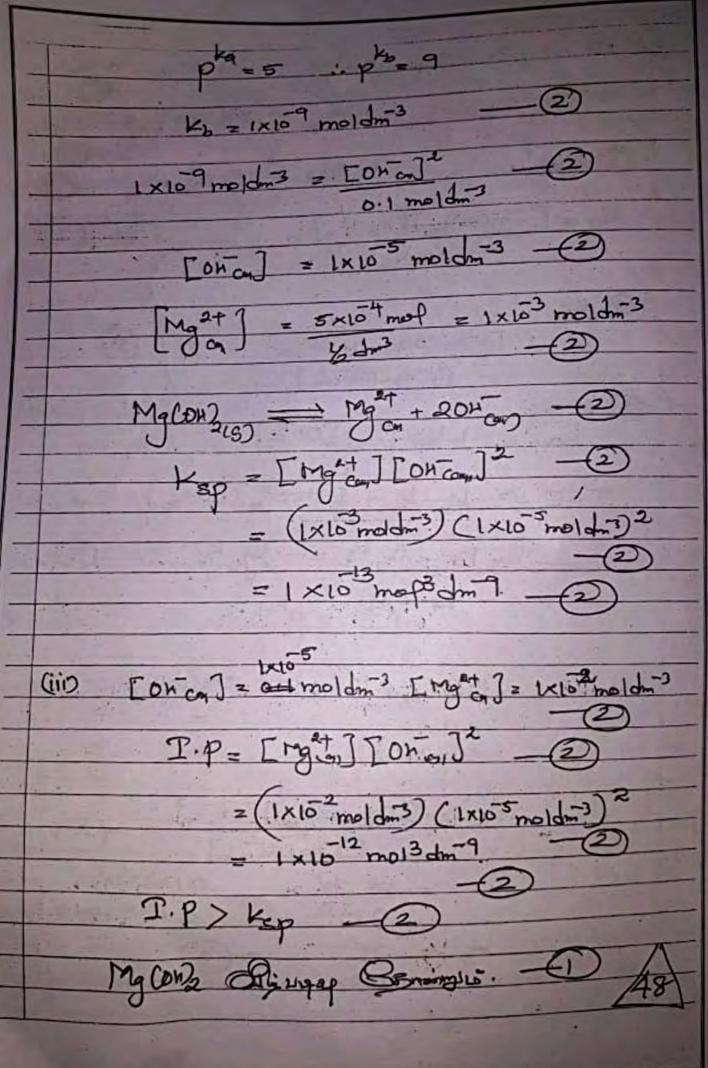
(ii) Bonneyn Owies- c
4 Byn Bon Ohningai - b
0 10 0 0° 5 0° 0 140
P-10×10 Pa Pe=4×15 Pa Pi= 2.5×10 Pa
I) Y = 4×10 Pa (10×10+ 2.5×10+)Pa
10x104Pa (AXIDER - 2.5 X104B)
LOKIO TA CANDITA S TO S
z 40 (7·5)
10 ×37.5
= 0.8. — (10)
The second secon
D Pe = YexP
= 0.8 × 10×104 Pg
= 8×104Pa (10)
IP) Pe=xePe°
v annte
$X_{C} = 8 \times 10^{4} P_{0}$ $4 \times 10^{5} P_{0}$
AXIO TA
= 0.2 —(0)
1. Kb = 0.8 [xc+xb=1] - (5)
1. No 200 Live 10621
The state of the s
Total -
150
nungo

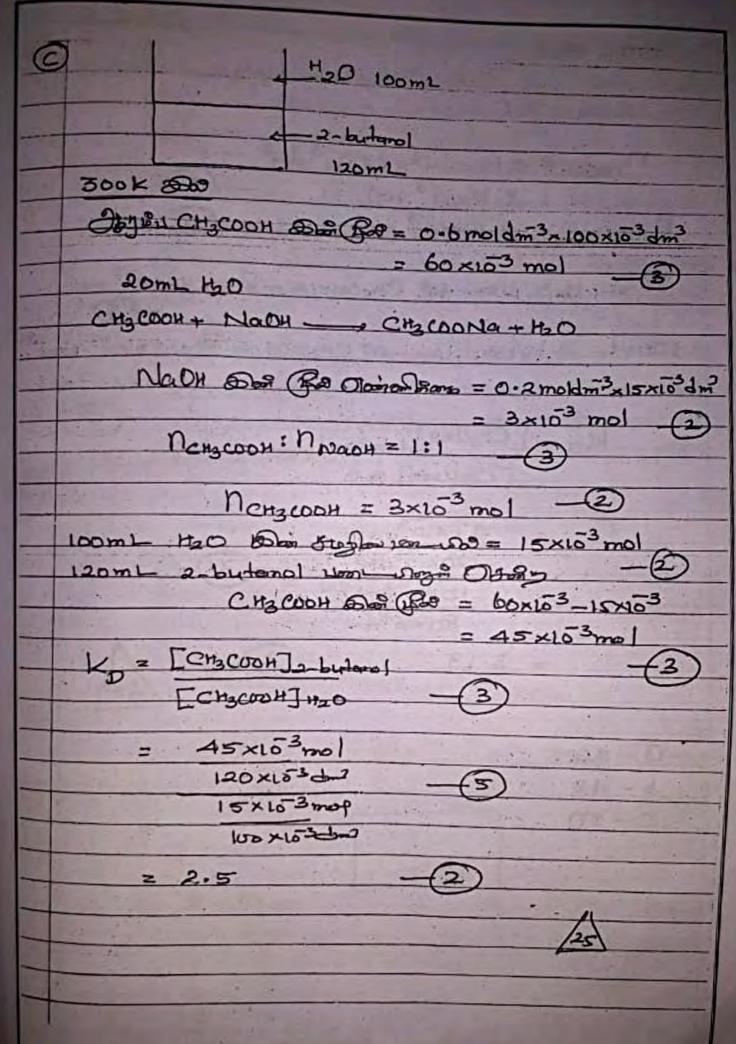


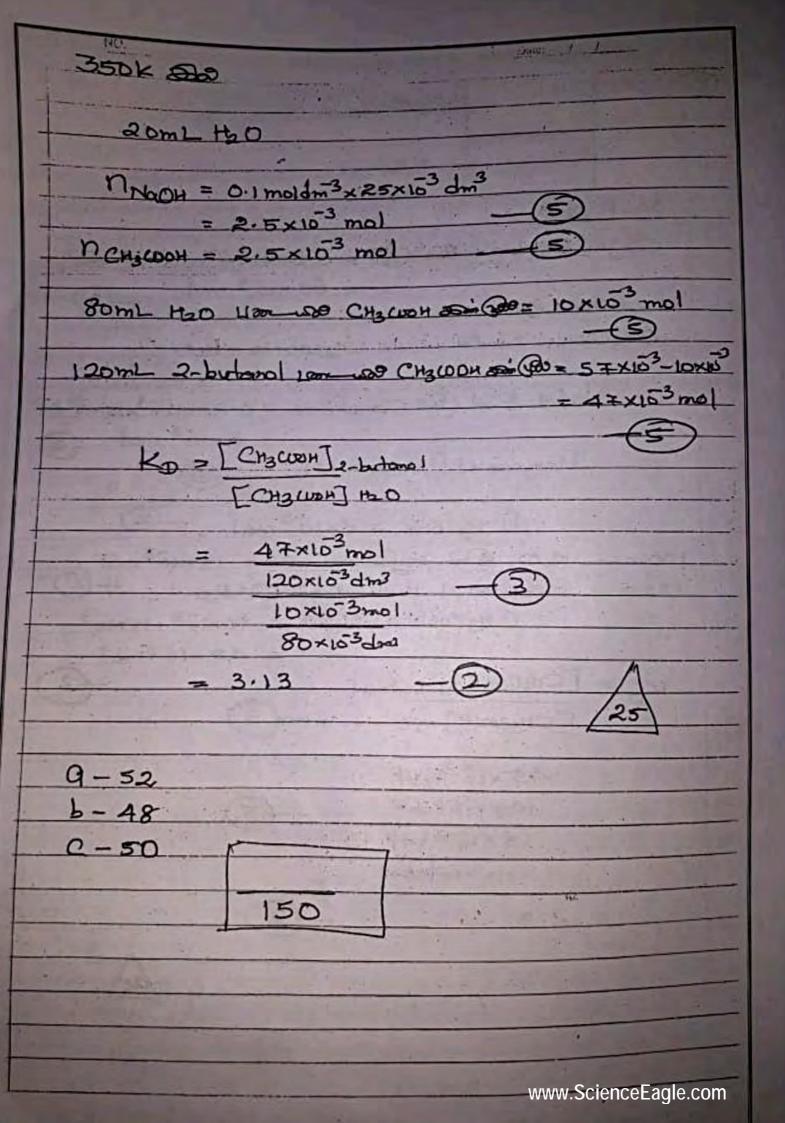


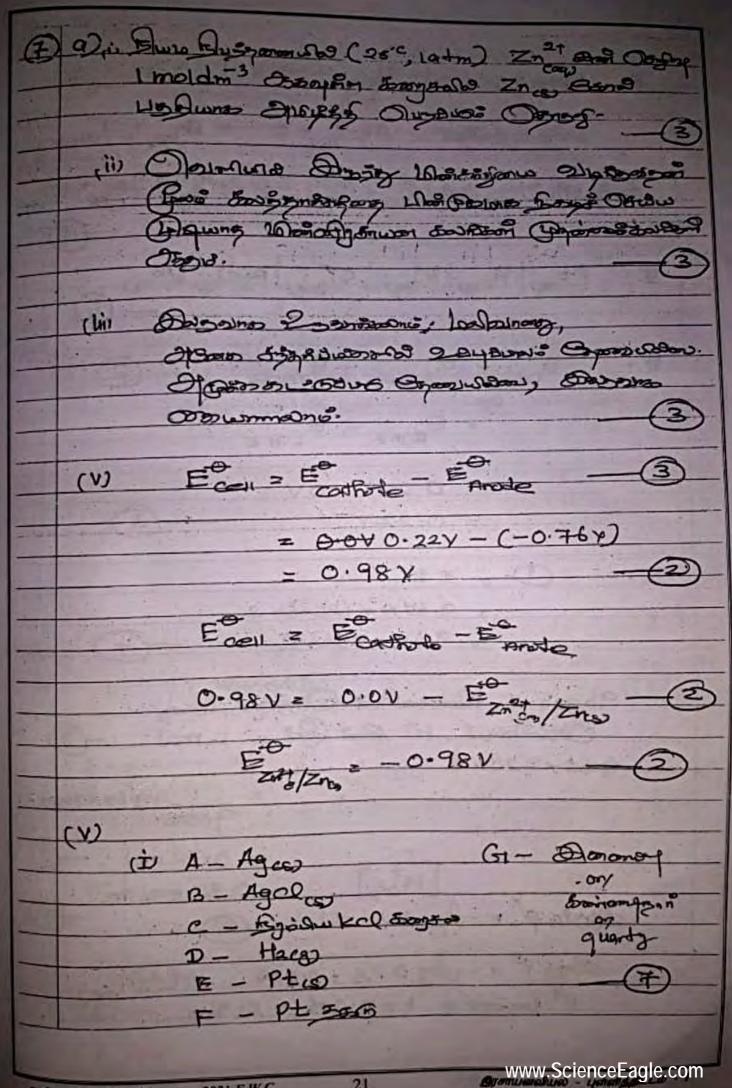


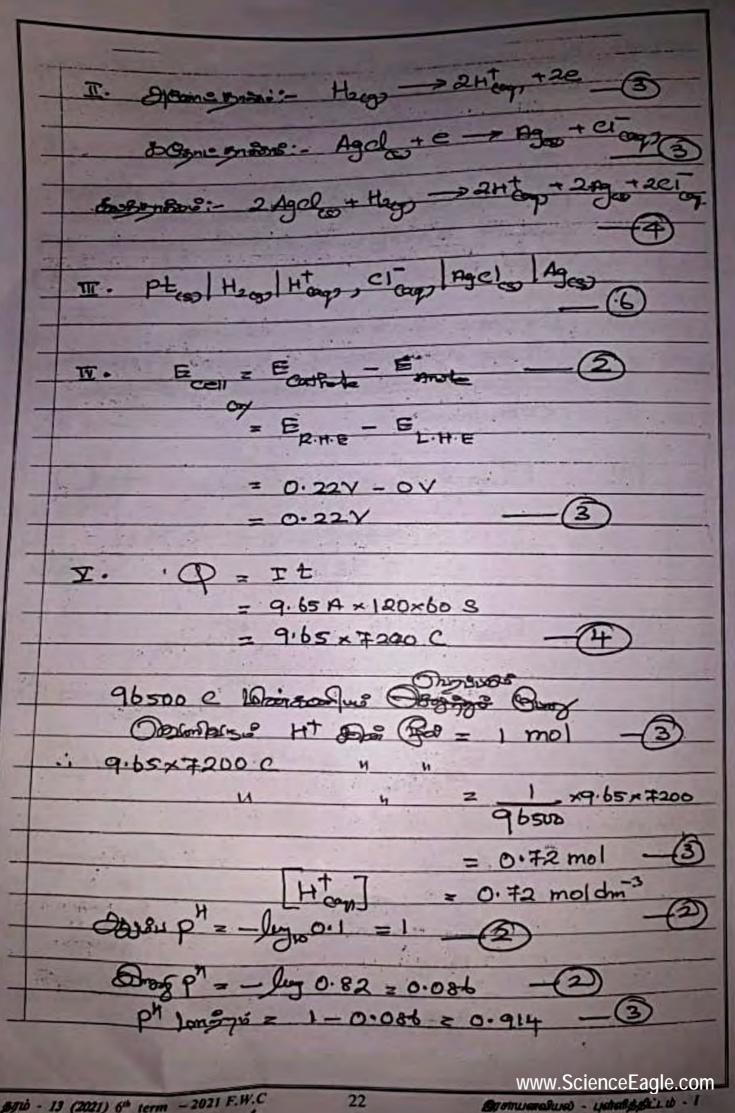






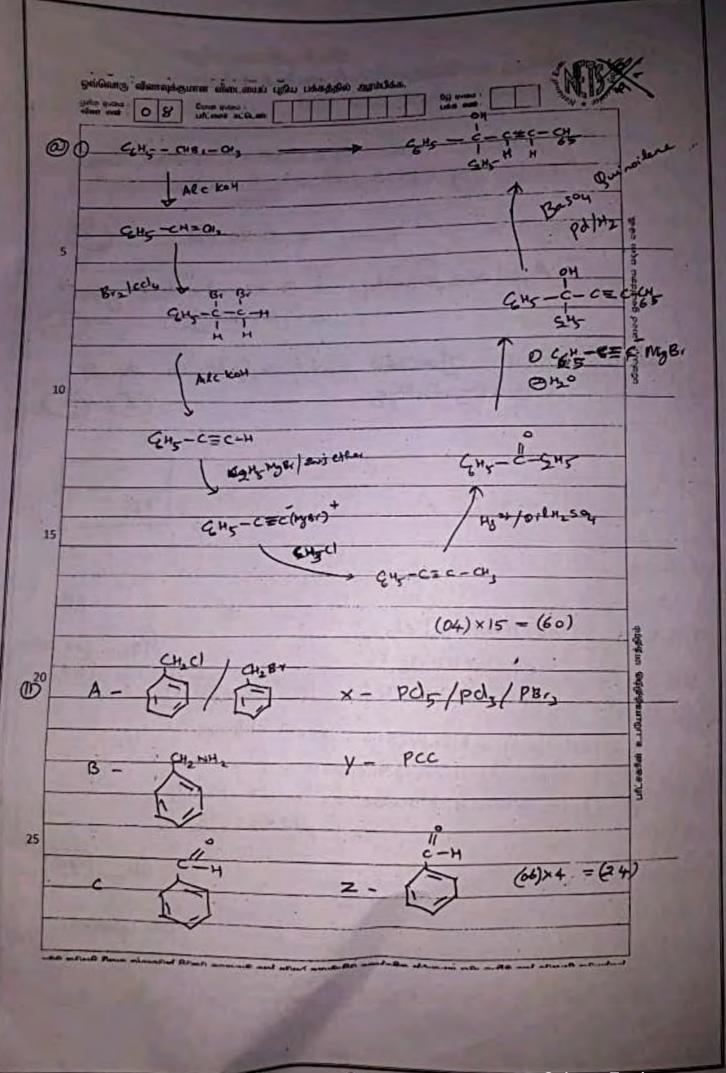


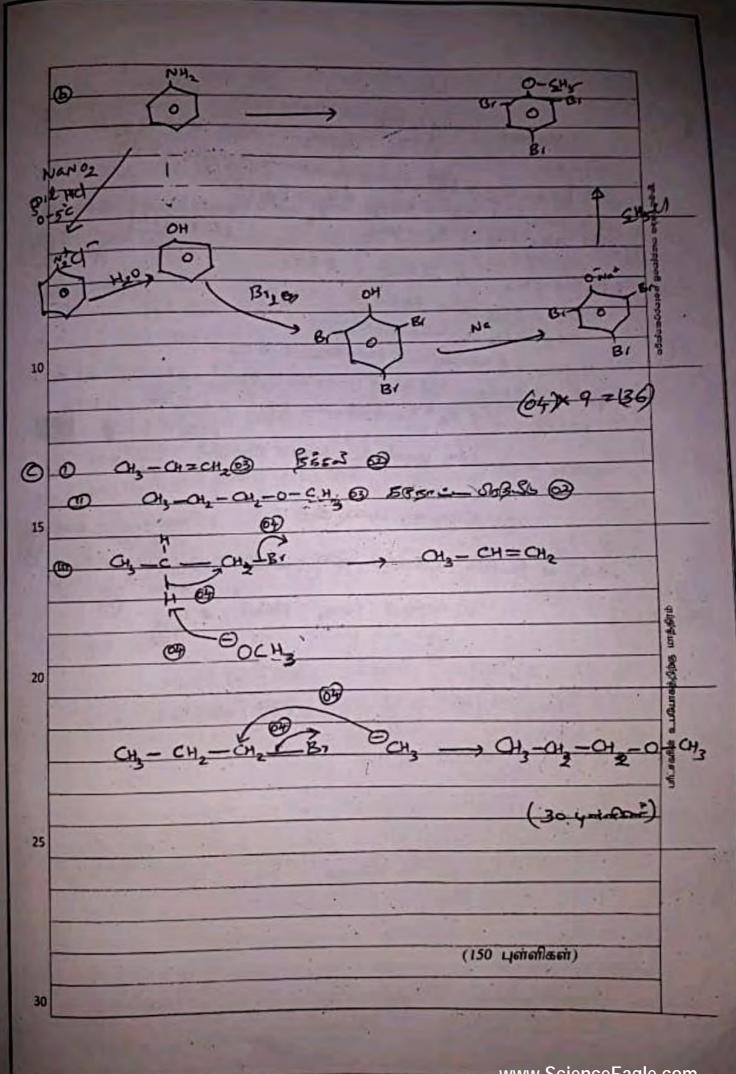




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VI - 96500 С 10 2000 Диг Онград Вин Вого Диг Вого Диг Онград Вин Вого Диг Онград Онгр	1 -2 2 br x 7 200 ol 2 x 143-5 grof 1
	75
Db) A- [cr clcn+3)5] cl2 v  B - [cr cl3(N+3)3] v  c - [cr cl2 (N+3)a]c/ 12.5 x3=137.  A-pentalamminochloridochromium (III) chloride  B-triammine trichloridochromium (III) chlorid  c - tetraammine dichloridochromium (III) chlorid	
	Q15 = [75]
	(150 புள்ளிகள்)





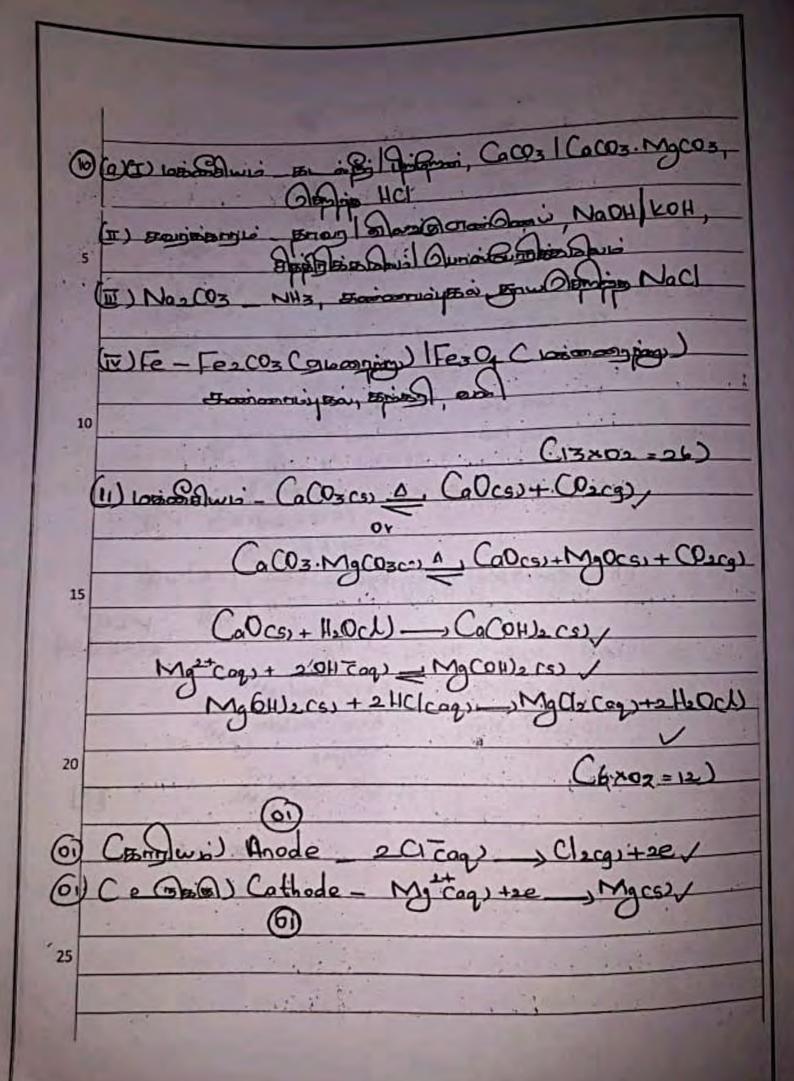
(NHA)2 (204, NHUSLIE = 132)
09] a) 1) NHUNO3, CNHA)2304, (NHA)2 (204, NHUSLIE = 132) ii) x2 - Ca (204 X4 - Ca(03 X6 - Basoy 3x0+=[12] iii) [Fe (SCN)a] 3+ 1 etrathiocyanale ferraleciii) ion
iv) NHUNO3 3 N2 Pg + 2 1+2 Pg + 3 N43
v) X3 - (02 X6 - NO2 X8 - 3 N H3 b) 2pbs + 302 -> 2Pbo + 2502 PbS2 + 302 - > PbO2 + 2302 502 + H202 -> H2904 H2904 + 2 NOIDH -, NO2 SOL1 + 2 H20 4H+ 5Pb02 + 2 Mn2+ -> 5 Pb2+ +2 Mn04 +2 H20 Mno4 + 5 Fe2++ 8H+ - Mn2++ 5 Fe3+ + 4 H20 12+ = 6×04= H2504 & Foulder Dushie Nath On BN = 0.48 x25 10 20.010 mal 10 2 TON HOM H2504 0008 (B) = "NAOH 0.006 MU) Mn04 - se fourther mossible Fe2+ and CB3 2 0.1x20x10-3 mol 1+2 2×10-3 mg 1 @ BB and c May: Phate = 1:5

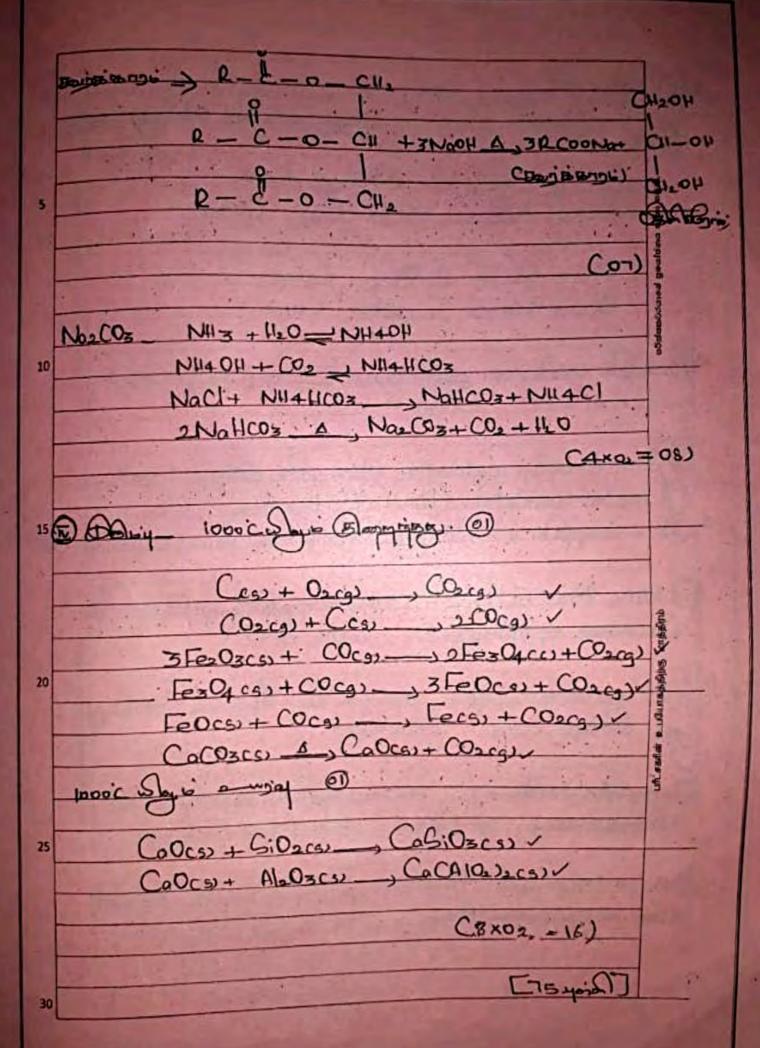
Mnoy - 00 8 83 = 0.4×10-3/0) (Bis 11) Agus Mna, -! Pho2 = 2:5/0 Pho2 0000 BB = 1010-3mol/2 Pbo2: So2: PhS2 = 1:2:1 Pbs 2 000 100 9 2 100 1000 300 000 000 = 2×10-3 mol 6 1: PbS and pigg 2 monroom son and Bis = (6x10-3-2×10-3) mod = 4x63mol (BB 2018/912 PbS: SO2 = 1:1/18) phs dom Bost of = 4x10-3mol / 232 gmol -1

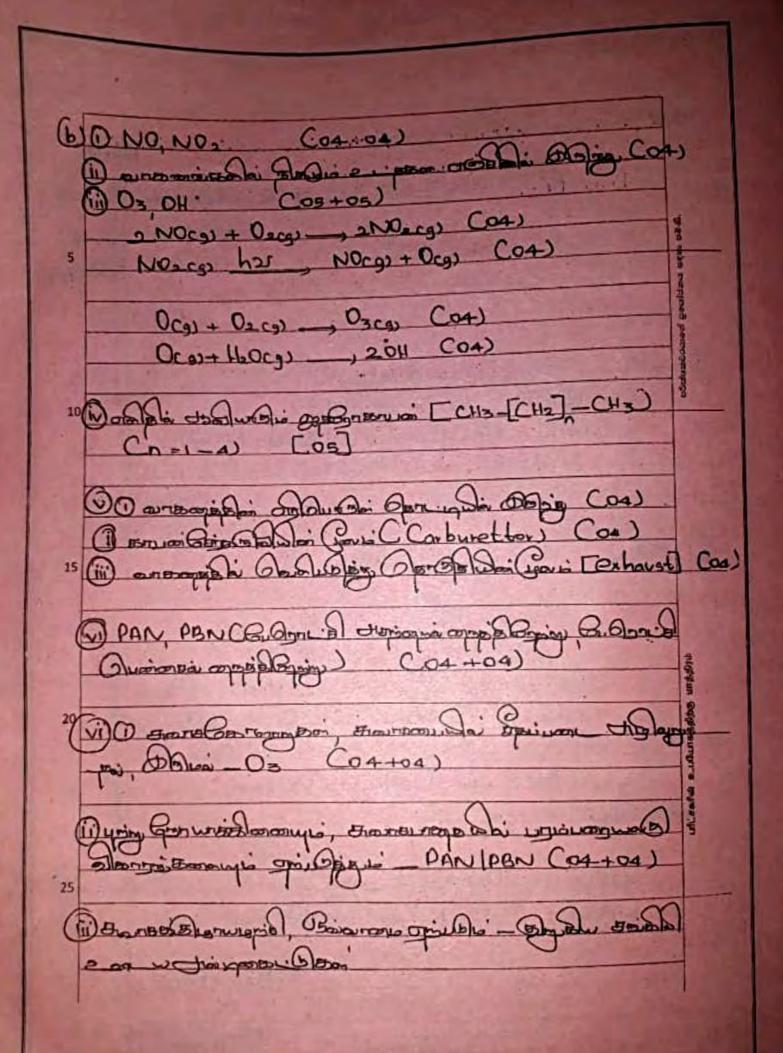
phs dom Bost of = 4x10-3mol x 232 gmol -1

= 428x10-3g / 19 PAS2 0008 (BB = 1×10-701/19 PbS2 @ 8000 my = 1×10-3 mo) x 2649 mol ( Abs 600 8,000 19 1919 1856 = 928 × 10-39 × 100 = 77.61,10 PbS2 0000 8 00004 1919 1918 = (100-77.6) = 22.47 1 V[25] 25×2= 50 iii) ( 3 00 8 9 6 H2 02: H2 SO4 = 1:16) H202 @ BS = 6×10-3mo/(2+1) H2020000 OBTONY = 6x10-3 moldm-3 = 0.12 mold m-1 TO

(150 प्रवांबीडवां)







PANIPBU (75 your fair)

(150 प्रशंशीक्रंग)



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