· · · · · · · · · · · · · · · · · · ·	Revision Questions (ANSWERS)
)	
•	() d.
	(3) b n = min = 1 = 1 mole C = = 1/2 = 0.832
	(3) No: 1st solution, conc = 1.0M , 2nd solution is lower
	as adding solute to 11the of solvent would
	mireace the volume to >1 Litre, thus reducing
· .	cone. $(e=\frac{\pi}{V})$
	(4) 2A1 + 3H2504 -> A12(504), +3H2
, 	12g = n×MM = 0.67 1.33 x 2q
	$\int \frac{12}{27} = n$ $= \sqrt{2.67g}$
	$n_{\text{AL}} = 0.44$ error here, coeff in front $n_{\text{H}_2} = 1.33$ $n_{\text{H}_3} = 1.33$
:	error here, coeff in front 0.67 of Al is 2, not one
<u> </u>	(5) Ca (OH), +2HC1 -> CaCl, +2H2O
.). 	5.
	$1 = \frac{5}{141}$ $V = \frac{1}{C} = \frac{0.135}{0.1} = 1.35$ [there of 0.100 MHC]
	n= 0.0675 - NHO = 2x n = 0.135
	(6) (b) First two zero are not sig as They are place setters
) :	(a) 16
	PECI4 + 5 X = F2 -> Pt F6 +4CIF +5X =
	1 5 1 4 5
}	
<u> </u>	(b) 12
	Cr, (sou), + 6 RboH - 2 Cr(OH), +3 Rb, SO4
1	(9) (d) 7
-	2 NH3 + 3502 -> 2NO, +3H20
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