	(200)
(b) State the observation in the beaker	
White ppt formed, which dur	Hve
aler same ine	
(c) Write ionic equation for the reaction in the beaker	(1mk)
$\frac{Zn}{R} + 20H \rightarrow Zn (OH)$	
$\frac{Z_{n} + 20H}{2} = \frac{Z_{n} (OH)}{2}$ 19. The compound HCLO decomposes according to the following equation .	
$5HC(O_{(aq)}) \longrightarrow 2CI_{2(g)} + H^{+}_{(g)} + CIO_{3}^{-}_{(aq)} + 2H_{2}O_{(I)}$	
Deduce the oxidation states of chlorine in the following species.	
i) HCIO (1mk	
(+1) + (1 + (-3) = 0	*
C(= +1	
ii) CIO_3 (1mk)	
Cl + 3(-2) = -1 $Cl = +5$	
CC = +5	
20. The set-up below was used to prepare dry sample of Oxygen gas	
Water -35	
syringe.	
Salid H Salid	
(a) (i) Complete the diagram to show how the gas was collected	
	(1mk)
(ii) Identify the following	
1. Solid H. Sodium peroxide	44

For flee Residueles, Exame, and Past Papers Visit https://Teacher.co.ke/notest

