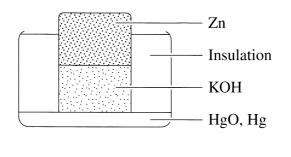
Question 27

2010 HSC Chemistry

Question 27 (2 marks)

The diagram shows a particular cell with relevant half equations.



$Zn(s) + 2OH^{-}(aq)$	\rightarrow	ZnO	$(s) + H_2O(l) + 2e^-$
$HgO(s) + H_2O(l) +$	2e ⁻	\rightarrow	$Hg(l) + 2OH^{-}(aq)$

Identify the anode, cathode and electrolyte for this cell. The and the s a thread HyO, Hy.							
The anode	رج و	KE	4	HgO, Hg.			
The cathode	15 :	Zn	6 <	Zinc			
electrolyle	15 0	KOH					
······					••••••		



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