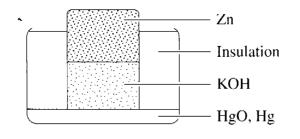
## Question 27 (2 marks)

The diagram shows a particular cell with relevant half equations.



$\operatorname{Zn}(s) + 2\operatorname{OH}^{-}(aq)$	$\rightarrow$	ZnO(	$(s) + H_2O(l) + 2e$
$HgO(s) + H_2O(l) +$	2e <sup>-</sup>	$\rightarrow$	$Hg(l) + 2OH^{-}(aq)$

Identify the anode, cathode and electrolyte for this cell.

Anode: Znorkand + Znows	
Cathodo, Halow tHaw	
Cuthode: HgOGS tHgGS Electrolyte: KOHGAS	

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