

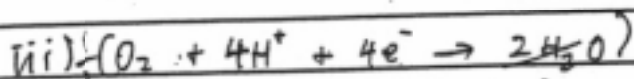
b) i) ~~40°~~ ~~118°~~

$$\Delta G^\circ = nFE^\circ$$

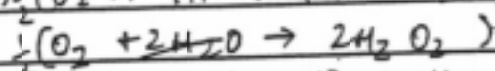
$$= (2)(96500) \text{ (C/mol)} (0.55)$$

$$= 106150 \text{ J/mol}$$

ii)



$$E^\circ = (1.23 \text{ V}) \frac{1}{2} =$$



$$E^\circ = (-0.55 \text{ V}) \frac{1}{2} =$$

