

Explain the following terms or concepts.	Marks
a) Lewis acid	3
b) 3 rd Law of Thermodynamics	
c) Brownian motion	
<ul style="list-style-type: none">• $\Delta_{\text{vap}}H^\circ = 34.0 \text{ kJ mol}^{-1}$ for benzene, which has a boiling point of $80.1 \text{ }^\circ\text{C}$. What is the entropy change for the vaporisation of benzene in $\text{J K}^{-1} \text{ mol}^{-1}$?	2
Answer:	