

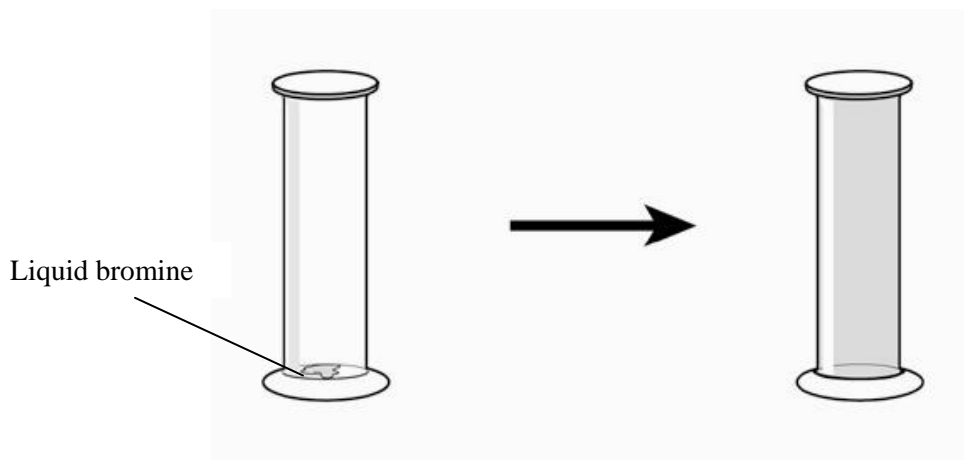


CHAPTER 2: THE STRUCTURE OF THE ATOM



Questions

The diagram below shows an experiment which is carried out to study the change of state of liquid bromine. A few drops of bromine liquid are placed in a gas jar and then the jar is covered immediately.



- (a) What change can be seen in the gas jar?
_____ [2 marks]
- (b) i. Name the process that takes place in the gas jar.
_____ [1 mark]
- ii. What heat change takes place when the change in (a)i take place?
_____ [1 mark]
- (c) Explain why the process named in (b)i. occurs by using the kinetic theory of matter.

_____ [2 marks]