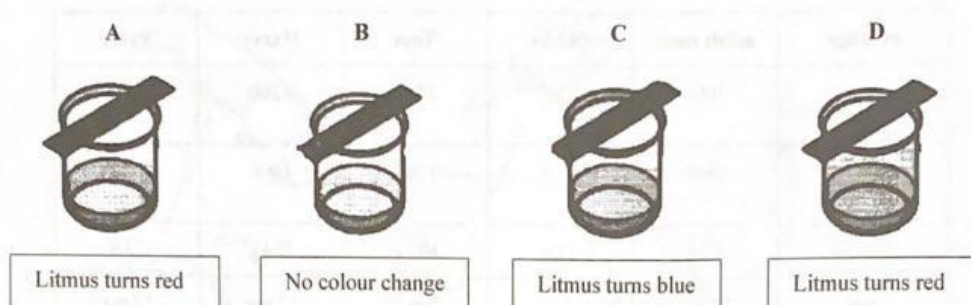


5. A student tested four liquids **A**, **B**, **C** and **D** using neutral litmus paper. Neutral litmus paper is grey/purple in colour. The results are shown in the diagram below.



- (a) (i) Identify the liquids which are acidic and alkaline.
- acids _____
- bases _____ [2]
- (ii) Suggest an example of **ONE** liquid the student may have tested for each of the four liquids (**A**, **B**, **C** and **D**), to obtain the stated results.
- A** _____
- B** _____
- C** _____
- D** _____ [4]
- (b) (i) The student tested liquid **B** using pH paper. What is a possible pH of liquid **B**?
- _____ [1]
- (ii) When liquid **B** is cooled, it changes to a solid. What term is used to describe this process?
- _____ [1]
- (c) State **ONE** difference between the properties of liquid **A** and liquid **C**.
- _____
- _____ [2]

TOTAL MARKS [10]

