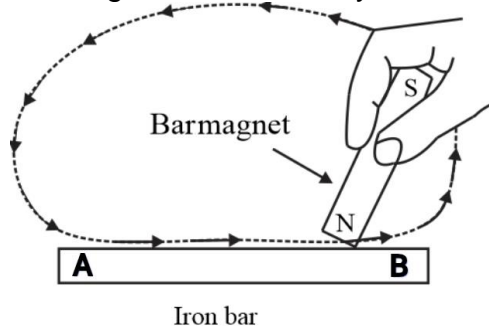


- (iv) State the expected observation when iodine solution is added to chewed bread. (2 marks)
- (v) What does Benedict's test indicate about the food substance in the chewed bread? (2 marks)
- (vi) Why is it necessary to heat the mixture with Benedict's solution? (2 marks)

(d) In an experiment, an iron bar is magnetized by dragging a magnet over the surface of the bar from end **A** to end **B** several times as shown in the diagram below. Study it and answer the questions that follow.



- i. Mention the method of magnetization. [2 marks]
- ii. Give the polarity of the ends A and B of the bar after magnetization. [2 marks]
- iii. How will you test that the bar AB is a magnet? [2 marks]
- iv. Give two precautions that should be taken during the magnetization process. [2 marks]
- v. Name two other methods of magnetization. [2 marks]