

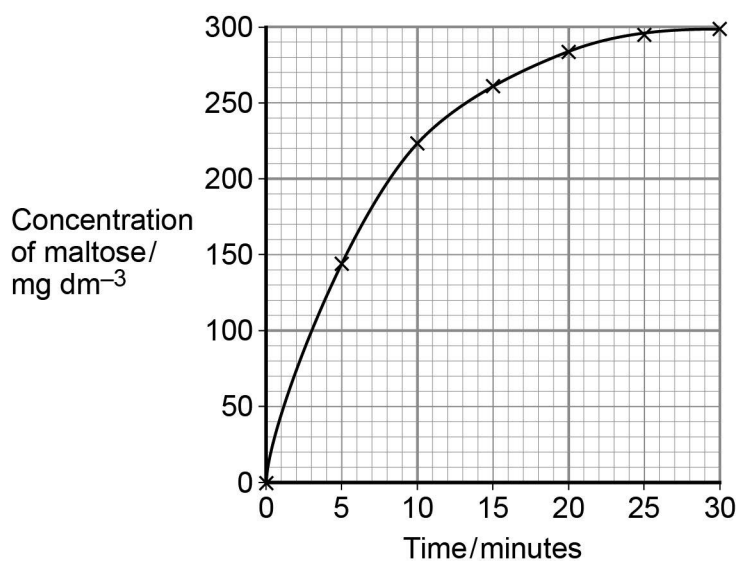
0 6 . 1

Describe the induced-fit model of enzyme action.

[2 marks]

0 6 . 2

A scientist investigated the hydrolysis of starch. He added amylase to a suspension of starch and measured the concentration of maltose in the reaction mixture at regular intervals.

His results are shown in **Figure 4**.**Figure 4**

Determine the rate of the reaction **at 10 minutes**. Show how you obtained your answer.

[2 marks]

Rate of reaction _____ $\text{mg dm}^{-3} \text{ min}^{-1}$



