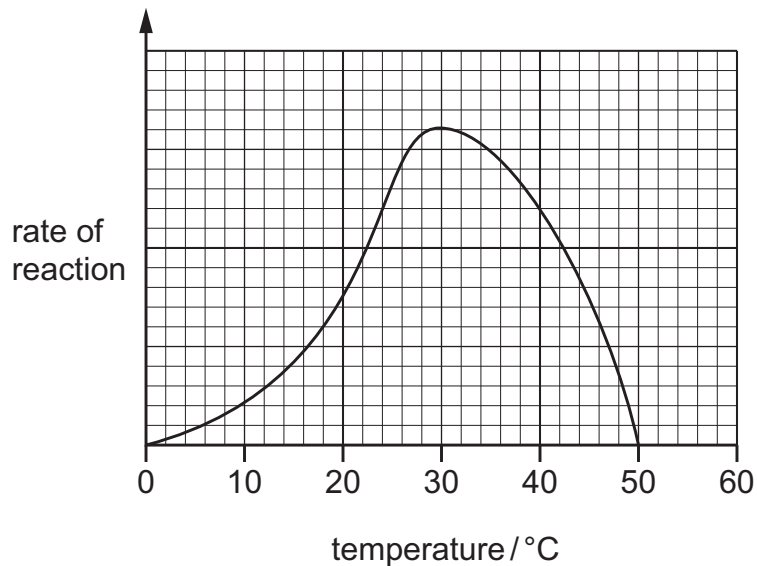


- 7 The graph shows the effect of temperature on an enzyme-controlled reaction.



Which statement describes the effect of temperature on this reaction?

- A** As the temperature increases to 25 °C, the reaction speeds up.
- B** Between 10 °C and 20 °C, the enzyme denatures.
- C** Between 35 °C and 45 °C, frequency of effective collisions increases.
- D** The optimum temperature for this reaction is 40 °C.