

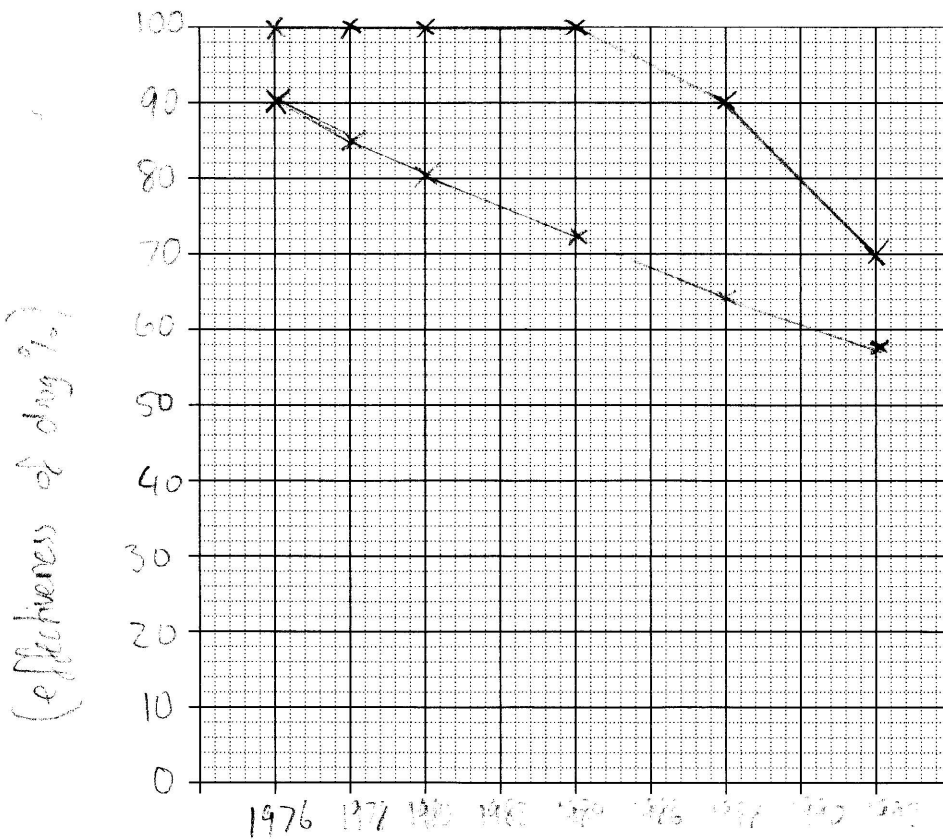
Question 22 (6 marks)

The following data were recorded about the effectiveness of antimalarial drugs for treating malaria.

Year	Effectiveness of drug (%)	
	Mefloquine	Quinine
1976	100	90
1978	100	85
1980	100	80
1984	100	72
1988	90	64
1992	70	58

(a) Graph the data on the grid.

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Key:
 = Mefloquine
 = Quinine

Question 22 continues on page 11

Question 22 (continued)

- (b) Use these data to explain the impact of human processes on biodiversity. 3

Human processes have lead to a greater variation in biodiversity. Effectiveness of these drugs has reduced over time due to malaria creating a resilience to the drugs. Biodiversity has increased as new strands of malaria have been formed and creating the drugs to be less effective. Different variation of mosquitoes carrying the disease.

End of Question 22