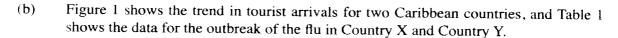
SECTION A

Answer ALL questions in this section.

.



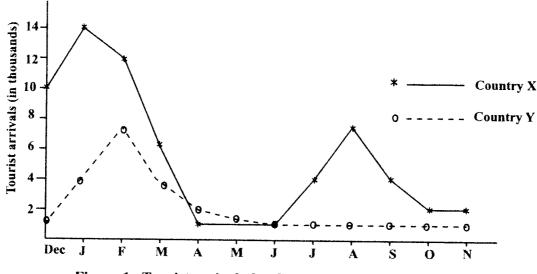


Figure 1. Tourist arrivals for Country X and Country Y

TABLE 1: NUMBER OF PERSONS AFFECTED BY THE FLU EACH MONTH

Country X 300 600 1200 900 600 300 100 50 50 400 100 50	Month	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov
Country V 200 400 200 1000 100 100	Country X	300	600	1200	900	600	300	100	50	50	400	100	50
	Country Y	200	400	800	1600	120	700	400	100	50	50	50	50

- (i) The data for Country Y in Table 1 has been plotted on Figure 2 on page 5. Plot the data for Country X on the same grid in Figure 2. (4 marks)
- (ii) Describe the trend in the population contracting the flu virus in Country X and Country Y.

Country X: In the marth of February the most people contracted the fly viruses and then that figure dropped hit slightly use again in Section Section ... Country Y: In the marth of Harch the most prople contracted the fly virus, followed by a significant fall to 50 people in flyert up to November. (3 marks)

(iii) Examine the graphs in Figure 1 and Figure 2. Describe the relationship between tourist arrivals and the spread of the flu virus in both countries In both countries, one month offer true is arrivals the number of

people who had the fluring rose to its peak for that year and then had fell. Country X, Alough suffered a slight increase in flur viruses a month after tourist arrivals but country Y did not since there were no arrivals (2 marks)

Total 15 marks

GO ON TO THE NEXT PAGE

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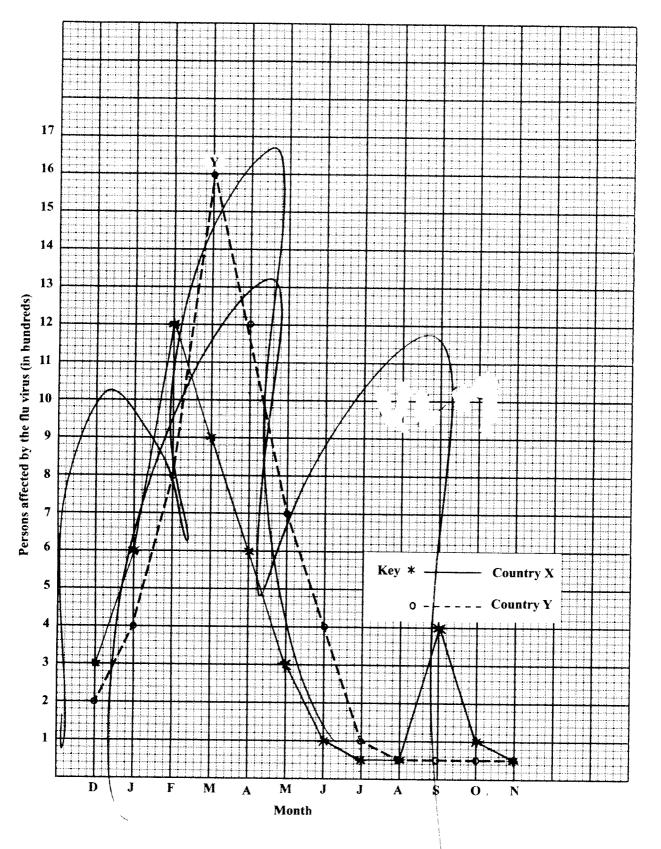


Figure 2. Number of persons affected by the flu virus each month

Human and Social Biology Paper 02

Question 1

Overall quality: very good (excellent)

- (a) (i) The correct response was given:-the spelling of the terms could be improved so that the quality would be improved.
 - (ii) The response has the correct organism identified but this was marred by reference to "plasmodia" which suggested that the student was referring to the causative agent of malaria-plasmodium.
- (iii) and (iv) Very well expressed and thorough.
- (b) (i) Points were plotted accurately and neatly and joined with a clean line.
 - (ii) The salient features of the graphs were described cogently.
 - (iii) The student adeptly analysed the graphs and identified that the increase in the incidence of the flu occurred one month after the peak in the arrival of the tourists in both countries.