

Cancer exam question

The number of people in the UK with tumours is increasing.

- (a) (i) Describe how tumours form.

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(1)

- (ii) Tumours can be malignant or benign.

What is the difference between a malignant tumour and a benign tumour?

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(1)

- (b) Describe how some tumours may spread to other parts of the body.

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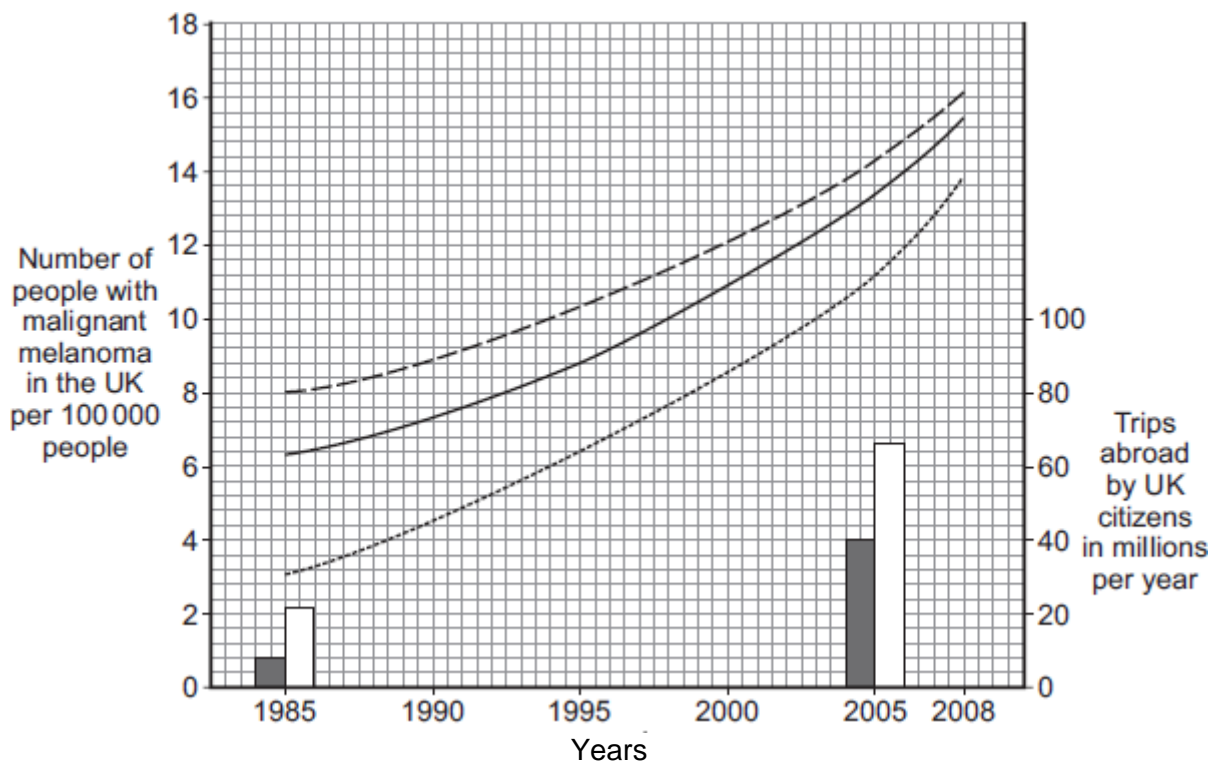
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(1)

- (c) People from Northern Europe have fair skin and many people have malignant melanoma skin cancer.

The graph shows how the number of people in the UK with malignant melanoma changed between 1985 and 2008.

The bars on the graph show the number of people in the UK who travelled abroad and the number who took cheap holidays in the sun in 1985 and 2005.



Key

<p>—— Mean for all areas</p> <p>--- Mean for people from rich areas</p> <p>--- Mean for people from poor areas</p>	<p>□ Total number of trips abroad</p> <p>■ Number of cheap holidays in the sun</p>
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(i) Describe the trends in the number of people with malignant melanoma skin cancer between 1985 and 2008.

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(3)

(ii) Use the data about the number of trips abroad to suggest an explanation for the trends you have described in part **(c)(i)**.

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(2)

(Total 8 marks)