

0 1

1

Which of the following diseases is an example of a non-communicable disease? Tick the correct box:

Influenza

Chicken Pox

Lung cancer

Tetanus

[1 mark]

0 1

2

What non-communicable disease can a substance cause if that substance is carcinogenic?

[1 mark]

0 1

3

Identify the type of tumour with the correct row in the table (write either **malignant** or **benign** in the table below:

Tumour type	can cause health problems	can spread	can invade other tissues	can continue to divide by cell division
	Y	Y	Y	Y
	N	N	N	Y

[1 mark]

0 1

4

Explain the causal link between smoking during pregnancy and low birth weight

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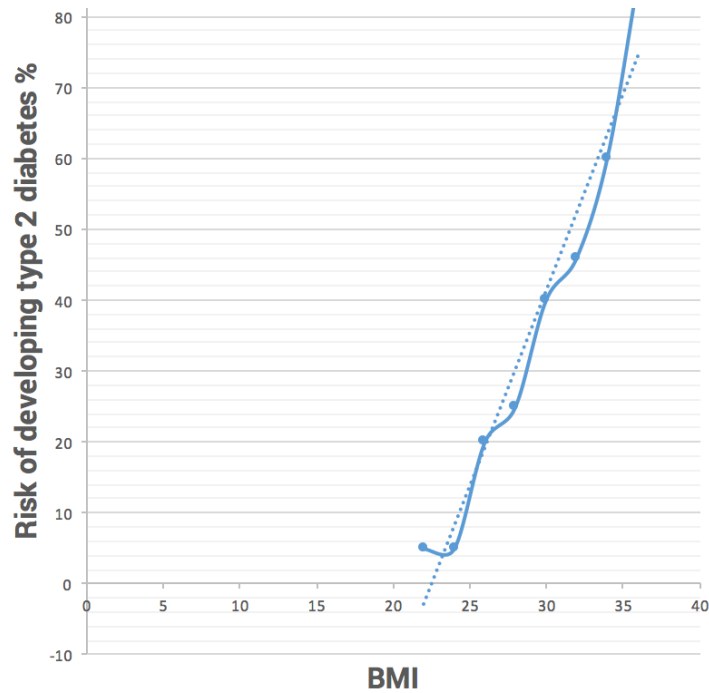


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[6 marks]

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Type 2 diabetes is the inability to fully control your blood sugar levels due to the body's inability to respond to the hormone insulin. Obesity occurs when a person is excessively overweight and is characterised by having a BMI (Body Mass Index) of 30 or over. A BMI between 25-29 is considered to be overweight. To what extent does the data in **Figure 1** below support the hypothesis that obesity causes type 2 diabetes?



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[4 marks]