



# Diabetes & Controlling Blood Glucose

1 How does the pancreas regulate high glucose levels?

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[ 3 marks ]

2 Why do we need to maintain our blood glucose levels?

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[ 1 mark ]

3 What is the difference between type 1 and type 2 diabetes

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[ 4 marks ]

4 Discuss the similarities and differences between the treatments of type 1 and type 2 diabetes

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[ 3 marks ]

5 Discuss how the government could reduce the incidence (rate of new cases) of diabetes

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[ 3 marks ]

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**Higher Tier**  
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6 Where is glucagon released from?

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*[ 1 mark ]*

7 What is the role of glucagon in the body?

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*[ 3 marks ]*

8 What is a negative feedback cycle and how does it play a role in glucose regulation?

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*[ 4 marks ]*

*[ Total 22 marks ]*