



1 Insulin and glucagon are two hormones that are similar in terms of 'site of secretion' and 'purpose of secretion'.

(a) Describe how the two hormones are similar in

(i) 'site of secretion'

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(ii) 'purpose of secretion'

..... **[1]**

(b) State the condition when insulin is secreted, its effect on the human's body, and how the effect is achieved.

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..... **[3]**

(c) State the condition when glucagon is secreted, its effect on the human's body, and how the effect is achieved.

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..... **[3]**

(d) Describe the pathway of insulin, from secretion to being destroyed.

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..... **[2]**

END