

0	1
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Adrenalin is a hormone with numerous effects. Some of these are listed below. For each one listed, suggest a reason for this effect during adrenalin's 'fight or flight' response: **[3 marks]**

0	1
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1
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Increased heart rate \_\_\_\_\_

\_\_\_\_\_

Increased breathing rate \_\_\_\_\_

\_\_\_\_\_

Pupil dilation (widening) \_\_\_\_\_

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0	1
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2
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Why is it important that adrenalin does not use a negative feedback loop? **[2 marks]**

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0	1
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3
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State the gland that adrenalin is released from **[1 mark]**

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0	1
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4
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Thyroxine is a hormone that maintains your basal metabolic rate; the rate at which substances are broken down and built up in the body. Describe how this hormone works as part of a negative feedback loop. **[5 marks]**

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