

1. The sympathetic and parasympathetic nervous systems affect heart rate.

Which of the options, **A** to **D**, would lead to a **decrease** in heart rate?

- A activation of the vagus nerve, releasing noradrenaline
- B activation of the vagus nerve, releasing acetylcholine
- C activation of the accelerator nerve, releasing noradrenaline
- D activation of the accelerator nerve, releasing acetylcholine

Your answer

[1]

2. Which of the options, **A** to **D**, is a condition caused by a positive feedback mechanism?

- A hypertension
- B type 1 diabetes
- C hypotension
- D hypothermia

Your answer

[1]

END OF QUESTION PAPER

Mark Scheme

Question		Answer/Indicative content	Marks	Guidance
1		B	1	
		Total	1	
2		D ✓	1	
		Total	1	