

Discuss research into the effects of endogenous pacemakers **and** exogenous zeitgebers on the sleep/wake cycle.

You may use this space to plan your answer.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

(Total 16 marks)

Q2.

Biological rhythms are influenced by endogenous pacemakers and exogenous zeitgebers.

Outline the difference between endogenous pacemakers and exogenous zeitgebers.

Use examples in your answer.

(Total 2 marks)

Q3.

Explain the difference between infradian rhythms and ultradian rhythms.

(Total 2 marks)