



Please write clearly in block capitals.

Centre Number

Candidate Number

Surname

---

Forename(s)

---

Candidate signature

---

A-level

# PSYCHOLOGY

A-level topic mock · Based on AQA  
Psychology

Paper 2 · Section B focus paper

· Biopsychology

2026

Time allowed: 1 hour

## Materials

For this paper you must have:

- a black ink or black ball-point pen.

## Instructions

- This paper is for **A-level only** — Biopsychology is not assessed at AS.
- Use black ink or black ball-point pen. Fill in the boxes above.
- Answer **all** questions in the spaces provided. If you need extra space, use the lined pages at the end.
- Cross through any rough work you do not want marked.

## Information

- The marks for questions are shown in brackets. This paper covers **Biopsychology** only (AQA spec 4.2.2).
- **Maximum mark: 48.** The paper includes an 8-mark essay (Q10) and a 16-mark essay (Q11).
- Answer in continuous prose. You will be assessed on use of good English, clear organisation and specialist vocabulary.

For Examiner's Use	
Question	Mark
01	
02	
03	
04	
05	
06	
07	
08	
09	
10	
11	
<b>TOTAL</b>	

---

Section B

## Biopsychology

Answer all questions in this section.

---

0 1

Which one of the following best describes the role of the **parasympathetic nervous system**? Write A, B, C or D in your answer book.

- A Controls voluntary movement of skeletal muscles.
- B Carries sensory information from the senses to the central nervous system.
- C Triggers the body's "fight or flight" response in stressful situations.
- D Returns the body to a calm "rest and digest" state after stress.

[1 mark]

---

---

---

0 2

Which one of the following is a feature of **relay neurons**? Write A, B, C or D in your answer book.

- A They carry signals from the central nervous system to muscles and glands.
- B They connect sensory and motor neurons within the central nervous system.
- C They convert physical stimuli into electrical signals at sense receptors.
- D They release hormones into the bloodstream from endocrine glands.

[1 mark]

---

---

---

0 3

Which one of the following best describes the role of **adrenaline** in the fight-or-flight response? Write A, B, C or D in your answer book.

- A It is released by the pineal gland and regulates the sleep–wake cycle.
- B It is released by the adrenal medulla and prepares the body for action.
- C It is released by the thyroid and regulates the body's metabolism.
- D It is released by the testes and influences male reproductive behaviour.

[1 mark]

---

---

---

**0 4**

Outline the process of **synaptic transmission**. Refer to **neurotransmitters** and to **excitation or inhibition** in your answer.

**[3 marks]**

---

---

---

---

---

---

---

---



0 8

Outline how a researcher could use **functional magnetic resonance imaging (fMRI)** to study the brain.

[3 marks]

.....

.....

.....

.....

.....

.....

.....

0 9

Outline **Sperry's (1968) split-brain research**. Explain what this research suggests about **hemispheric lateralisation**.

[4 marks]

.....

.....

.....

.....

.....

.....

.....

.....





