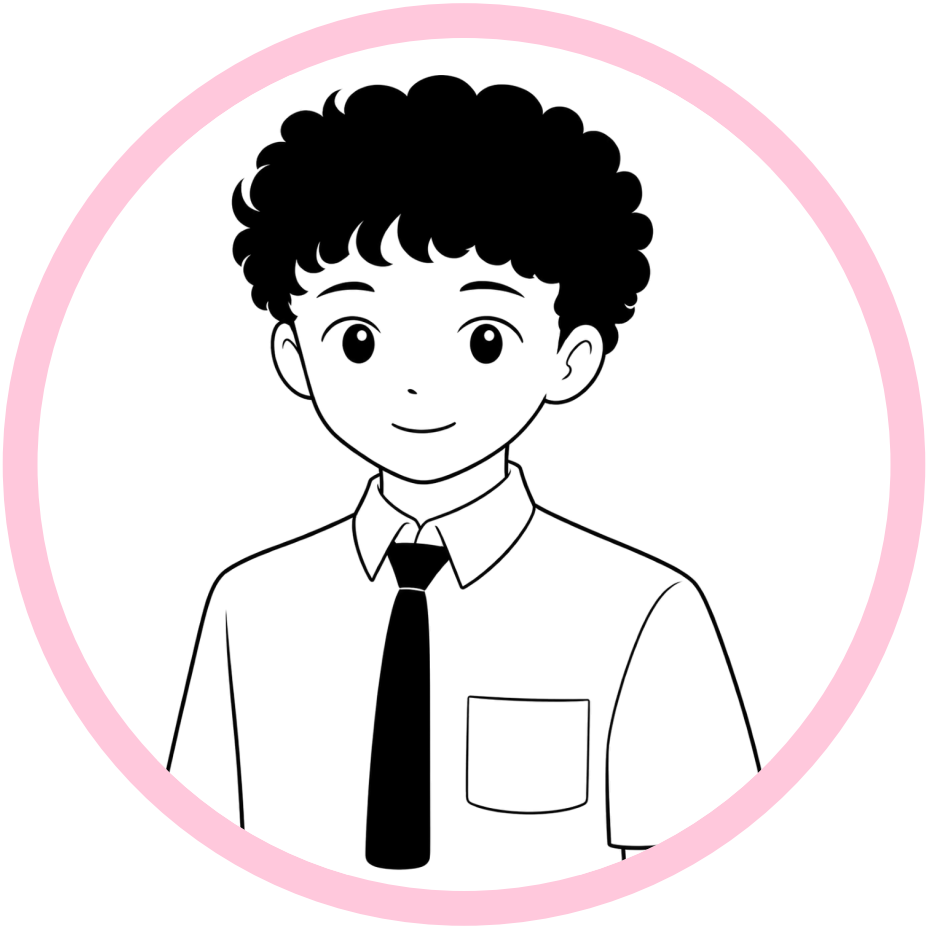
AQA A-LEVEL PSYCHOLOGY · 7182

PSYCHOLOGY



EXAM QUESTION PACK

3.2.2 WAYS OF STUDYING THE BRAIN

SCORE	PERCENTAGE
/14	%

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Q1.

Outline and evaluate **one or more** ways of studying the brain.

(Total 8 marks)

Q2.

The electroencephalogram (EEG) and event-related potentials (ERPs) both involve recording the electrical activity of the brain.

Outline **one** difference between the EEG and ERPs.

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(Total 2 marks)

Q3.

Which of the following, A, B, C, or D, is a feature of functional magnetic resonance imaging? Shade **one** box only.

A Directly measuring the electrical activity of neurons using electrodes implanted in the brain. ⬭

B Directly measuring the electrical activity of neurons using electrodes on the scalp. ⬭

C Indirectly measuring the electrical activity of neurons by recording changes in brain blood flow. ⬭

D Indirectly measuring the electrical activity of neurons by recording changes in neurotransmitter release. ⬭

(Total 1 mark)

Q4.

Briefly evaluate the use of EEGs as a way of identifying cortical specialisation in the brain.

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(Total 3 marks)

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