



Please write clearly in block capitals.

Centre number

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Candidate number

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Surname

Forename(s)

Candidate signature

I declare this is my own work.

A-level PSYCHOLOGY

Paper 2 Psychology in context

Wednesday 21 May 2025

Morning

Time allowed: 2 hours

Materials

For this paper you may use:

- a calculator.

Instructions

- Use black ink or black ball-point pen.
- Fill in the boxes at the top of this page.
- Answer **all** questions. You must answer the questions in the spaces provided. Do **not** write outside the box around each page or on blank pages.
- If you need extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).
- Do all rough work in this book. Cross through any work you do not want to be marked.

Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 96.
- Questions should be answered in continuous prose. You will be assessed on your ability to:
 - use good English
 - organise information clearly
 - use specialist vocabulary where appropriate.

For Examiner's Use	
Section	Mark
A	
B	
C	
TOTAL	



J U N 2 5 7 1 8 2 2 0 1

Section A**Approaches in psychology**

Answer **all** questions in this section.

0	1
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Describe how Skinner investigated the effect of reinforcement on behaviour.

[4 marks]

Extra space



0	2
---	---

Outline how evolution might influence behaviour. Give an example from a topic in psychology.

[4 marks]

Extra space

Turn over for the next question

Turn over ►



Section B**Biopsychology**

Answer **all** questions in this section.

0	4
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Name **one** type of neuron and briefly explain its function.

[2 marks]

0	5
---	---

Using an example of a hormone, outline the function of the endocrine system.

[4 marks]

Extra space



0	6
---	---

Explain the process of synaptic transmission. Refer to excitation in your answer.

[4 marks]

Extra space

Turn over for the next question

Turn over ►



Section C**Research methods**

Answer **all** questions in this section.

Academic journals suggest conflicting findings about the effectiveness of online learning. A researcher designed an experiment to measure the effectiveness of online learning compared with face-to-face learning.

The researcher placed an advert in an online forum asking for student participants for a memory experiment.

30 university students contacted the researcher and they were divided equally into two groups. Both groups learned the same topic.

Group 1 had 3 hours of online learning.

Group 2 had 3 hours of face-to-face learning.

At the end of the session, each participant completed a multiple-choice test scored out of 20 to measure how much they had learned about the topic.

0	9
---	---

The researcher chose to use a non-directional hypothesis for this study.

Explain why a non-directional hypothesis is appropriate in this case.

[2 marks]

1	0
---	---

Write an appropriate hypothesis for this study.

[3 marks]

Turn over ►



Only **one** answer for each multiple-choice question is allowed.

For each question completely fill in the circle alongside the appropriate answer.

CORRECT METHOD



WRONG METHODS



If you want to change your answer you must cross out your original answer as shown. 

If you wish to return to an answer previously crossed out, ring the answer you now wish to select as shown. 

1 1 Which **one** of the following best describes the sampling method used in this study?

Shade **one** box only.

[1 mark]

A Opportunity

☐

B Random

☐

C Systematic

☐

D Volunteer

☐


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outside the
box

1	2
---	---

Evaluate the sampling method the researcher used in this study.

[4 marks]

Extra space

Turn over for the next question

Turn over ►



The results of the study are given in the table below.

Table 1 Median scores and ranges from the multiple-choice test for the two groups

	Group 1 (online)	Group 2 (face-to-face)
Median	18	2
Range	5	10

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outside the
box

1 3 What do the median **and** range values in **Table 1** suggest? Justify your answer.

[4 marks]

Extra space _____



1 4

A bar chart could be used to display the measures of central tendency shown in **Table 1**.

Suggest an appropriate label for **each** axis of the bar chart.

[2 marks]

1 5

Identify an appropriate statistical test to analyse the data collected in this study. Explain **three** reasons for your choice.

[7 marks]

Extra space

Turn over ►

1 6

The researcher found that the difference in results between the two groups was significant at $p < 0.01$

Explain what is meant by 'significant at $p < 0.01$ ' in the context of this study.

[3 marks]

1 7

The researcher used a different group of people in each condition, which could have affected the results.

Outline **one** change the researcher could have made to deal with this issue.

[2 marks]



1 8Explain **one or more** possible implications of the findings of this study for the economy.**[4 marks]**

Extra space

Turn over for the next question**Turn over ►**

1**9**

Explain how the researcher's study illustrates **one or more** features of science.

[4 marks]

Extra space



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box

2	0
---	---

Design a study to investigate students' experiences of online learning.

In your answer you will gain credit for providing appropriate details of the following:

- the type of self-report technique that will be used, with justification
- an example of **one** relevant question that could be used to collect qualitative data, with justification
- how you would ensure the ethical treatment of participants
- how content analysis could be used to analyse the qualitative data.

[12 marks]

You may use this space to plan your answer.

You may use this space to plan your answer.

[illegible]

Turn over ►



There are no questions printed on this page

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outside the
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**DO NOT WRITE ON THIS PAGE
ANSWER IN THE SPACES PROVIDED**



Question number	Additional page, if required. Write the question numbers in the left-hand margin.
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