

Please write clearly in	n block capitals.
Centre number	Candidate number
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		
Α			
В			
С			
TOTAL			



Section A

	Approaches in psychology				
	Answer all questions in this section.				
0 1	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 psychology.	in
	psychology.	[4 marks
	Extra space	
	Extra space	
	Turn over for the next question	



0 3	Describe and evaluate the psychodynamic approach in psychology.	[16 marks]
	You may use this space to plan your answer.	
	-	





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Extra space			



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Section B

	Biopsychology	
	Answer all questions in this section.	
0 4	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 snace
	Extra space
	Turn over for the next question



0 7	Sam has started to have short-term memory problems. He forgets things he has just read but remembers what people have just said to him.
	Explain how functional magnetic resonance imaging (fMRI) might be used to study Sam's memory.
	[6 marks]
	Extra space



Discuss what research has shown about hemispheric lateralisation.	[8 ma





Extra space		



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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]



Only one answer for each multiple-choice question is allowed.			
For ea	ach question completely fill in the circle a	longside the appropriate answer.	
CORREC	T METHOD WRONG METHODS 🗴		
If you	want to change your answer you must c	ross out your original answer as shown.	
If you as sho		rossed out, ring the answer you now wish to se	elect
1 1	Which one of the following best describ	pes the sampling method used in this study?	
	Shade one box only.	[1 :	mark]
	A Opportunity	0	
	B Random	0	
	C Systematic	0	
	D Volunteer	0	



1 2	Evaluate the sampling method the researcher used in this study.	[4 marks]
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	Turn over for the next question	



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

3	What do the median and range values in Table 1 suggest? Justify your answer.	[4 mark
	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. three reasons for your choice.	Explain [7 marks]
	Extra space	





1 6	The researcher found that the difference in results between the two groups was significant 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 laffected the results.	nave	
	Outline one change the researcher could have made to deal with this issue.	[2 marks]	



1 8	Explain one or more possible implications of the findings of this study for the economy. [4 marks]
	Extra space
	Extra space
	Turn over for the next question



1 9	Explain how the researcher's study illustrates one or more features of science.	[4 marks]
	Extra space	



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 mark]	s]
	You may use this space to plan your answer.	
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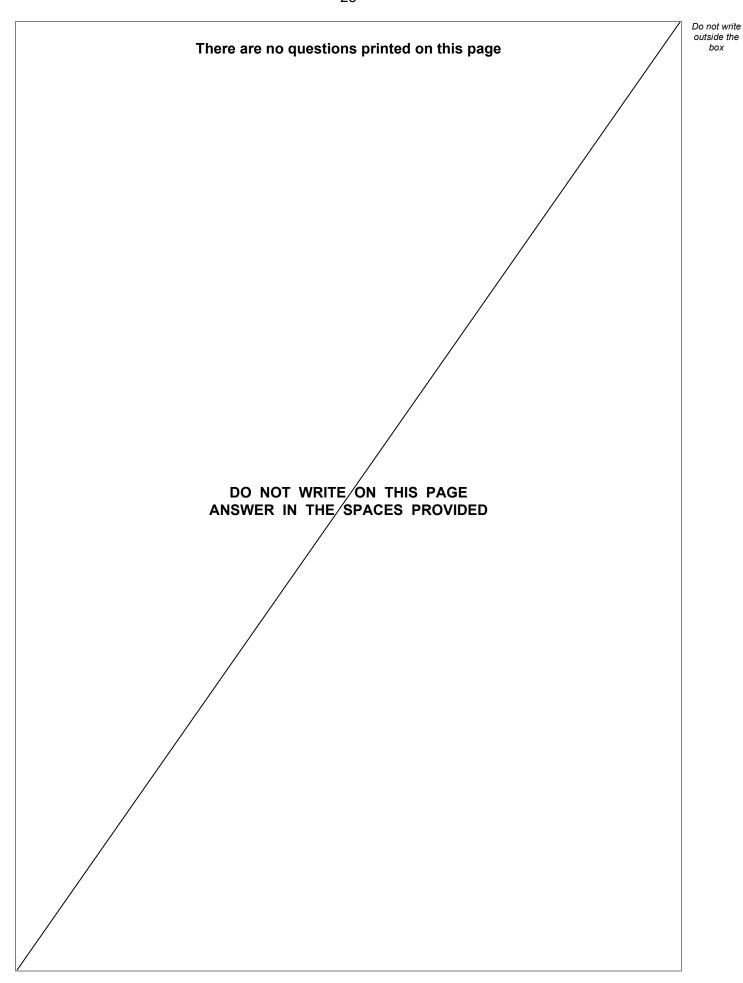


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Question number	Additional page, if required. Write the question numbers in the left-hand margin.



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