

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.

AS PSYCHOLOGY

Paper 2 Psychology in context

Time allowed: 1 hour 30 minutes

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 72.
- 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	



Section A

Approaches in Psychology

Answer **all** questions in this section.

0 1

Explain the process of synaptic transmission.

[4 marks]

Extra space



0 5

Outline what is meant by cognitive neuroscience.

[4 marks]

0 6

Briefly explain **one** strength of the cognitive approach in psychology.

[2 marks]

24

Turn over for Section B

Turn over ►



Section B

Psychopathology

Answer **all** questions in this section.

Rita is talking to her therapist about her phobia of dogs.

“I am terrified of dogs. When I see one, I cannot move until it has walked away. I cannot go to my friend’s house any longer because she has two dogs and I shake when they come near me. I try not to leave the house in case I see one on the street.”

0 7 . 1

Give **two** behavioural characteristics of phobias that would be seen in someone who has a phobia of dogs. Refer to Rita in your answer.

[4 marks]



0 7 . 2

Explain how the therapist could use systematic desensitisation to treat Rita's phobia of dogs.

[4 marks]

Extra space

0 8

Describe **one** cognitive explanation of depression.

[4 marks]

Turn over ►



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Turn over ►



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Extra space _____



Turn over for the next section

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ANSWER IN THE SPACES PROVIDED**

Turn over ►



Section C

Research Methods

Answer **all** questions in this section.

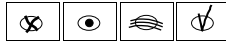
Only **two** answers per question are allowed.

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.



A psychologist investigated the relationship between stress and illness at a local school. The psychologist placed an advert on the staffroom noticeboard. Ten teachers contacted the psychologist offering to complete the psychologist's questionnaire.

In the questionnaire stress levels were measured on a scale from 1 to 10, with a higher score indicating greater stress. The questionnaire also asked how many days they had been absent from work due to sickness in the previous six months.

1 0 . 1

Write a suitable operationalised non-directional hypothesis for this investigation.

[3 marks]

1 0 . 2

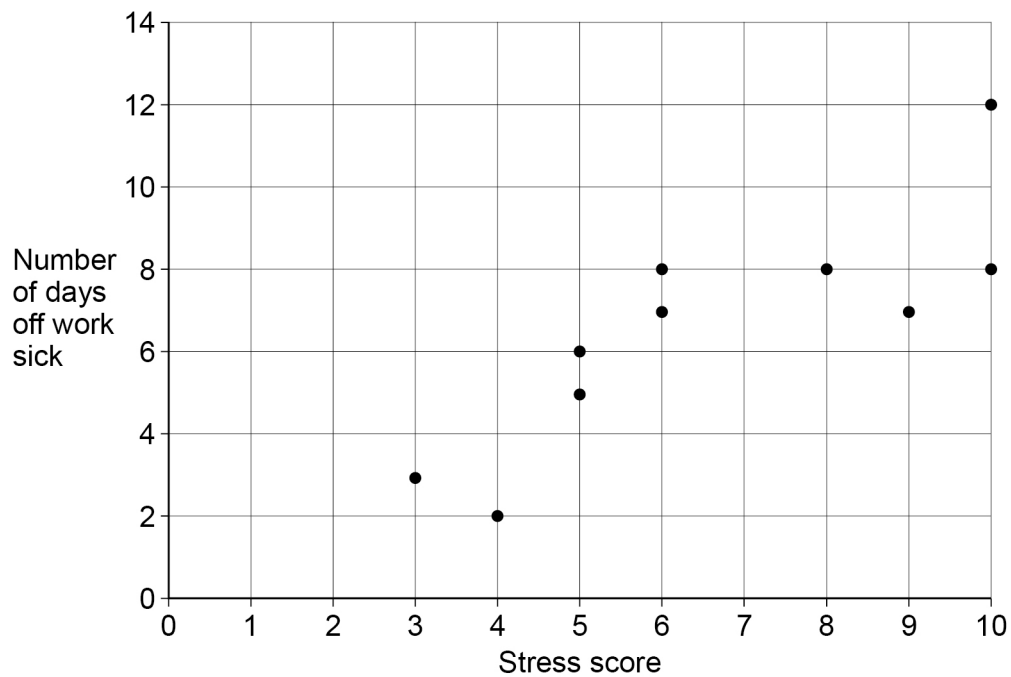
Identify the sampling method used in this investigation.

[1 mark]



The results from the study are shown in **Figure 1** below.

Figure 1 The relationship between stress level scores 1–10 and number of days absent from work due to sickness in the previous six months



1 0 . 3

What does the graph in **Figure 1** suggest about the relationship between stress and illness?

[2 marks]

Question 10 continues on the next page

Turn over ►



1 0 . 4

Explain why the psychologist could not conclude that stress caused illness on the basis of the data in **Figure 1**.

[3 marks]

1 0 . 5

Which **two** of the following best describe the stress level scores collected by the psychologist?

Shade **two** boxes.

[2 marks]

A Meta-analysis

B Primary

C Qualitative

D Quantitative

E Secondary



In a follow-up study, the psychologist asked the same ten teachers to take part in an experiment to compare two strategies designed to encourage relaxation and lower heart rate.

Condition 1: Five of the teachers were given meditation techniques to complete every day for a week.

Condition 2: The other five teachers were given a healthy diet to follow for a week.

Each teacher's heart rate was measured at the start of the week and at the end of the week.

The results are summarised in **Table 1**.

Table 1 Mean and standard deviation values for meditation and healthy diet conditions

	Meditation condition		Healthy diet condition	
	Start of week	End of week	Start of week	End of week
Mean heart rate	76	68	80	79
Standard deviation	3.8	1.8	4.0	3.9

1 1 . 1

What do the mean values in **Table 1** suggest about the effectiveness of the different strategies? Justify your answer.

[2 marks]

1 1 . 2

What do the standard deviation values for the meditation condition suggest? Justify your answer.

[2 marks]

Turn over ►



1 1 . 3

Outline how the psychologist could have obtained informed consent when conducting the follow-up study.

[3 marks]

1 1 . 4

In the follow-up study, the psychologist used a different group of people in each condition, which could have affected the results.

Outline **two** ways in which the psychologist might change the design of this study to deal with this problem.

[6 marks]

Change 1 _____

Change 2 _____

24

END OF QUESTIONS



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