

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.

INTERNATIONAL A-LEVEL PSYCHOLOGY

Unit 3 Advanced Topics and Research Methods 2

Tuesday 7 January 2025 07:00 GMT Time allowed: 1 hour 30 minutes

Materials

For this paper you must have:

- a calculator, which you are expected to use where appropriate.

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.
- All working must be shown.
- 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 90.

For Examiner's Use	
Question	Mark
A	
B	
C	
TOTAL	



Section A: Psychology of SleepAnswer **all** questions in the spaces provided.Only **one** answer per question is allowed.

For each multiple-choice 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.

**0 1**Which **one** of the following is a feature of non-REM sleep?Shade **one** box only.**[1 mark]****A** Dreaming occurs☐**B** Heart rate increases☐**C** Muscle paralysis☐**D** Synchronised EEG pattern☐**0 2**

What is meant by an infradian rhythm?

[1 mark]



[6 marks]

This image shows a blank sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, typical of notebook paper. There is no handwriting or other markings on the page.

Rashid is talking to his friend and says: "Sleep is really strange. Every night I lie down in my bed in a dark room and the next thing that happens is I wake up in the morning when it is light outside."

[9 marks]

[illegible]

[illegible]

0	5
---	---

Briefly describe **one** evolutionary explanation for the function of sleep.

[3 marks]

0	6
---	---

Explain **one** strength of the restoration theory of sleep.

[3 marks]

0	7
---	---

Briefly describe **one** explanation for narcolepsy.

[3 marks]



0	8
---	---

Briefly evaluate the genetic explanation for insomnia.

[4 marks]

30

Turn over for the next section

Turn over ►



Section B: Schizophrenia

Answer **all** questions in the spaces provided.

0	9
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Mei has recently told her friend that she has been hearing voices. The voices comment on her daily activities and criticise her, telling her that she is a horrible person. Mei also told her friend that she has lost interest in going to school and just wants to stay at home. Mei's friend has noticed that Mei now rarely talks and when she is asked a question, her answers are very brief.

Identify **two** symptoms of schizophrenia and explain how each symptom is demonstrated by Mei.

[4 marks]

Symptom 1 _____

Symptom 2 _____



1	0
---	---

Mei is diagnosed with schizophrenia by her doctor who refers her for cognitive therapy.

Explain how cognitive therapy might be used to treat Mei.

[4 marks]

1	1
---	---

Briefly explain **one** strength of cognitive therapy as a treatment for schizophrenia.

[2 marks]

Turn over for the next question

Turn over ►



[20 marks]

[illegible]

[illegible]

[illegible]

Turn over for the next section

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ANSWER IN THE SPACES PROVIDED**

Turn over ►



Answer **all** questions in the spaces provided.

At the end of the two weeks, the psychologist collected the participants' diaries and conducted a content analysis on the information written in them.

[2 marks]

[6 marks]

[illegible]

1 5

Explain how the psychologist could assess the reliability of the content analysis of the participants' diaries.

[4 marks]

1 6

Only 6 out of the 18 people who participated in the study were male.

Calculate what fraction of the participants was female. Show your answer in its simplest form.

[2 marks]

1 7

The psychologist was concerned that the participants may have been affected by demand characteristics when writing their diary responses.

Explain why the psychologist might be concerned about demand characteristics.

[3 marks]

Turn over ►

1 8

As part of the content analysis, the psychologist collected nominal data.

What is meant by nominal data?

[2 marks]

1 9

Apart from nominal data, name and outline **one other** type of data that the psychologist might have collected during this study.

[3 marks]

2 0

Explain **one** strength of conducting a content analysis.

[3 marks]



2 1

The psychologist wrote a scientific report of the content analysis.
The introduction section referred to information taken from a book by Aaron Beck.

Which of the following would be the correct way of writing the reference for this book in the References section of the report?

Shade **one** box only.

[1 mark]

- A** Beck, A. (1967). *Depression: Clinical, Experimental and Theoretical Aspects*. New York: Hoeber. ☐
- B** Beck, A. *Depression: Clinical, Experimental and Theoretical Aspects*. New York: Hoeber. (1967). ☐
- C** Beck, A. (1967). New York: Hoeber. *Depression: Clinical, Experimental and Theoretical Aspects*. ☐
- D** Beck, A. New York: Hoeber. (1967). *Depression: Clinical, Experimental and Theoretical Aspects*. ☐

2 2

Meta-analysis is an additional research method that can be used in psychology.

What is meant by meta-analysis?

[2 marks]

2 3

Briefly explain **one** limitation of meta-analysis.

[2 marks]

30

END OF QUESTIONS



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ANSWER IN THE SPACES PROVIDED**



[illegible]

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[illegible]

[illegible]

There are no questions printed on this page

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