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Cambridge Assessment International Education

Cambridge International AS & A Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

* 4 3 8 7 9 8 6 9 2 5 *

PSYCHOLOGY **9990/12**

Paper 1 Approaches, Issues and Debates **May/June 2024**

1 hour 30 minutes

You must answer on the question paper.

No additional materials are needed.

INSTRUCTIONS

- Answer **all** questions.
- Use a black or dark blue pen. You may use an HB pencil for any diagrams or graphs.
- Write your name, centre number and candidate number in the boxes at the top of the page.
- Write your answer to each question in the space provided.
- Do **not** use an erasable pen or correction fluid.
- Do **not** write on any bar codes.

INFORMATION

- The total mark for this paper is 60.
- The number of marks for each question or part question is shown in brackets [ ].

This document has **12** pages. Any blank pages are indicated.

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Section A

Answer **all** questions.

1 The first stage of the study by Bandura et al. (aggression) was when the children were rated on four scales by the experimenter and a nursery school teacher. One of these scales was 'aggressive inhibition'.

(a) Identify **one** of the other scales used in this first stage.

..... [1]

(b) Outline how the children were assigned to one of the conditions in this study.

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..... [2]

(c) Identify **two** features of the final experimental room used in the 'test for delayed imitation'.

1 .....

2 .....

[2]

2 From the study by Andrade (doodling):

(a) Outline the experimental design used in this study.

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..... [2]

(b) Outline **one** conclusion from this study.

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..... [2]

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3 From the study by Dement and Kleitman (sleep and dreams):

(a) Outline **one** result in relation to REM sleep and dream recall.

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(b) Outline **one** result in relation to dream duration estimates when participants were woken up 15 minutes after the onset of REM sleep.

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(c) Explain **one** weakness of this study.

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..... [2]

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4 From the study by Milgram (obedience):

(a) Outline what is meant by the term 'obedience'.

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..... [2]

(b) Outline how **one** ethical guideline was broken in this study.

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..... [3]

5 Suggest at least one application to everyday life of the study by Hölzel et al. (mindfulness and brain scans). Do **not** refer to more than three applications in your answer. Your suggestion(s) **must** be ethical.

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6 From the study by Pozzulo et al. (line-ups):

Describe the 'line-up presentation' for the target–absent condition.

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7 Suggest **two** problems that could arise if children were used as participants in the study by Perry et al. (personal space).

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8 Two friends, Sabtu and Joyah, are discussing the validity of the study by Piliavin et al. (subway Samaritans). Sabtu says the study has validity, but Joyah says the study does **not** have validity.

Explain why you think **either** Sabtu **or** Joyah is correct, using evidence from this study in your answer.

The friend who I think is correct is .....

because: .....

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..... [4]

Section B

Answer **all** questions.

9 **(a)** Describe the psychology being investigated in the study by Fagen et al. (elephant learning).

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(b) Explain **one** similarity and **one** difference between the study by Fagen et al. (elephant learning) and **one** other study from the learning approach.

Similarity .....

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Difference .....

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[8]

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10 Evaluate the study by Baron-Cohen et al. (eyes test) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about ethics.

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