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Cambridge Assessment International Education

Cambridge International AS & A Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

6328762082

PSYCHOLOGY **9990/13**

Paper 1 Approaches, Issues and Debates **October/November 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 In the study by Dement and Kleitman (sleep and dreams), five participants were studied intensively. There were also a number of participants who had minimal data collected from them.

(a) State the number of participants who had minimal data collected from them.

..... [1]

(b) Before the study began, participants were given two instructions about what they must **not** do:
- do **not** consume alcohol
- do **not** consume caffeine.

Participants were also given two instructions about what they must do.

State these **two** instructions.

1 .....

2 .....
[2]

(c) Outline **one** conclusion from this study in relation to dreaming.

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..... [2]

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2 From the study by Hassett et al. (monkey toy preferences):

(a) Outline **one** result in relation to sex differences in frequency of play with 'plush' toys.

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..... [2]

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

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..... [2]

3 From the study by Saavedra and Silverman (button phobia):

(a) Outline how positive reinforcement was used in the treatment of the boy's phobia.

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(b) Explain **one** reason why this study supports the nurture side of the nature versus nurture debate.

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

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

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5 **(a)** Outline **two** assumptions of the learning approach in psychology.

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[4]

(b) Explain how **one** finding from the study by Bandura et al. (aggression) supports **one** of the assumptions you outlined in part **(a)**.

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6 From the study by Andrade (doodling):

(a) Describe the psychology being investigated in this study.

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(b) Explain **one** strength of this study in relation to reliability.

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7 Your friend Ruru has read a story in a newspaper about a nurse who gave incorrect medicine to a patient because a doctor told her to. Ruru says that he cannot understand why the nurse would do that.

Suggest to Ruru why the nurse gave incorrect medicine, using your knowledge of the study by Milgram (obedience).

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8 Betsy is talking about the study by Hölzel et al. (mindfulness and brain scans). She says that the study has validity.

Explain why Betsy is correct that the study has validity, using evidence from this study in your answer.

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Section B

Answer **all** questions.

9 **(a)** Describe the sample used 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 the study by Bandura et al. (aggression). Do **not** refer to the sample in your answer.

Similarity .....

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Difference .....

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10 Evaluate the study by Piliavin et al. (subway Samaritans) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about ethics.

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