Cambridge Assessment International Education

Cambridge International AS & A Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

3479406289

PSYCHOLOGY **9990/11**

Paper 1 Approaches, Issues and Debates **October/November 2023**

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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Answer **all** questions.

1 In the study by Andrade (doodling), the participants were given a surprise recall test for two categories of information that was presented in the telephone message. One of these categories was the names of the party-goers.

(a) Name the other category of information that the participants were asked to recall from the telephone message.

..... [1]

(b) For the names of party-goers, 'false alarms' given by the participants were noted.

Outline the **two** types of false alarms given by the participants when recalling the names of the party-goers.

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..... [2]

2 From the study by Piliavin et al. (subway Samaritans):

(a) Outline what the model was supposed to do in the 'Critical area – early' condition.

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..... [2]

(b) Describe the victim in the drunk condition.

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..... [2]

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3 Explain **one** problem that could arise if children were used as participants in the study by Baron-Cohen et al. (eyes test).

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..... [3]

4 Saavedra and Silverman studied a boy with a phobia of buttons.

(a) One aim was to investigate whether exposure to buttons would help to treat his phobia.

Outline **one** other aim of this study.

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..... [2]

(b) Outline how the boy's severity rating for buttons changed during behavioural exposure sessions.

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..... [2]

(c) State **two** results from the posttreatment assessment session.

1 .....

2 .....
[2]

5 In the study by Bandura et al. (aggression), the final part of the procedure was named the 'test for delayed imitation'.

(a) Describe the procedure used to 'test for delayed imitation'.

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..... [4]

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

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..... [2]

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

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

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..... [4]

(b) Explain why this study is from the biological approach.

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..... [2]

7 Suggest **two** real-world applications based on the study by Canli et al. (brain scans and emotions).

Your suggestions **must** be ethical.

1 .....

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2 .....

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[4]

8 Two friends, Rose and Yaroslav, are discussing the validity of the study by Milgram (obedience). Rose thinks the study has validity but Yaroslav thinks the study does **not** have validity.

Explain **one** reason why Rose is correct and **one** reason why Yaroslav is correct, using evidence from this study.

Rose (has validity) .....

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Yaroslav (does **not** have validity) .....

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[6]

9 **(a)** Describe the sample used in the study by Pepperberg (parrot learning).

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..... [4]

(b) Explain whether each ethical guideline below, relating to animals, was broken in the study by Pepperberg (parrot learning):

housing .....

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pain and distress .....

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reward .....

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species and strain .....

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[8]

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

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..... [10]

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