Cambridge Assessment International Education

Cambridge International AS & A Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

8767014303

PSYCHOLOGY **9990/12**

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 The study by Baron-Cohen et al. used the eyes test as a measure of theory of mind.

(a) The eyes test results were negatively (inversely) correlated with the results of another measure.

Name this measure.

..... [1]

(b) Outline the Group 4 sample from this study.

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..... [2]

2 The study by Saavedra and Silverman investigated a boy with a phobia of buttons.

The boy reported an experience that he thought was the cause of his button phobia.

Describe the experience the boy reported.

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..... [4]

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3 Explain **one** problem that could arise if children were used as participants in the study by Canli et al. (brain scans and emotions).

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..... [3]

4 In the study by Pepperberg (parrot learning), a principal trainer was used during the 'test procedures'.

(a) Describe the procedure that the principal trainer followed during the 'test procedures'.

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..... [4]

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

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..... [2]

5 The study by Piliavin et al. (subway Samaritans) used models and victims.

(a) Name **two** features of the models used in this study.

1 .....

2 .....
[2]

(b) Outline **one** result in relation to the time taken to help the victims.

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..... [2]

(c) Outline **one** result in relation to participants leaving the critical area.

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..... [2]

6 From the study by Andrade (doodling):

(a) Describe the background to this study.

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..... [4]

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

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..... [2]

7 Suggest **two** real-world applications based on the study by Yamamoto et al. (chimpanzee helping).

Your suggestions **must** be ethical.

1 .....

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2 .....

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[4]

8 Two friends, Zayn and Danna, are discussing the nature versus nurture debate in relation to the study by Bandura et al. (aggression). Zayn thinks the study supports the nature side of the debate but Danna thinks the study supports the nurture side of the debate.

Explain **one** reason why Zayn is correct and **one** reason why Danna is correct, using evidence from this study.

Zayn (nature) .....

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Danna (nurture) .....

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[6]

9 From the study by Schachter and Singer (two factors in emotion):

(a) Describe the sample.

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..... [4]

(b) Explain whether each ethical guideline below was broken in the study by Schachter and Singer (two factors in emotion).

confidentiality .....

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lack of deception .....

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privacy .....

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protection from physical harm .....

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..... [8]

10 Evaluate the study by Milgram (obedience) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about validity.

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