Cambridge Assessment International Education

Cambridge International AS & A Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

2827087359

PSYCHOLOGY **9990/13**

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 From the study by Milgram (obedience):

(a) State the percentage of participants who pressed the 300-volt level switch.

..... [1]

(b) Outline the payment given to participants.

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..... [2]

2 From the study by Pepperberg (parrot learning):

Describe the procedure of the 'Transfer Tests with Novel Objects'.

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..... [4]

3 Explain **one** problem that could arise if children were used as participants in the study by Laney et al. (false memory).

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..... [3]

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

(a) Describe the procedure from immediately after the injection to immediately before the stooge began his standardised behaviours.

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..... [4]

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

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..... [2]

5 From the study by Baron-Cohen et al. (eyes test):

One aim was to investigate whether there would be a correlation between scores on the revised 'Reading the Mind in the Eyes' test and the Autism Spectrum Quotient (AQ).

(a) Outline **one** other aim.

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..... [2]

(b) Outline **one** result in relation to the Autism Spectrum Quotient (AQ).

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..... [2]

(c) Outline **one** result comparing the participants of Group 1 to the participants of Group 2. You **must** use data in your answer.

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..... [2]

6 From the study by Bandura et al. (aggression):

(a) Describe the background to this study.

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..... [4]

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

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..... [2]

7 Suggest **two** real-world applications based on the study by Saavedra and Silverman (button phobia).

Your suggestions **must** be ethical.

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2 .....

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[4]

8 Two friends, Xander and Silvia, are discussing the individual and situational explanations for behaviour in relation to the study by Andrade (doodling). Xander thinks the study supports the individual explanation but Silvia thinks the study supports the situational explanation.

Explain **one** reason why Xander is correct and **one** reason why Silvia is correct, using evidence from this study.

Xander (individual explanation) .....

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Silvia (situational explanation) .....

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[6]

9 **(a)** Describe the sample in the study by Yamamoto et al. (chimpanzee helping).

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..... [4]

(b) Explain whether each ethical guideline below, relating to animals, was broken in the study by Yamamoto et al. (chimpanzee helping).

deprivation and aversive stimuli .....

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housing .....

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pain and distress .....

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reward .....

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[8]

10 Evaluate the study by Canli et al. (brain scans and emotions) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about generalisations.

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..... [10]

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