Cambridge Assessment International Education

Cambridge International AS & A Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

4612702940

PSYCHOLOGY **9990/12**

Paper 1 Approaches, Issues and Debates **May/June 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 Schachter and Singer (two factors in emotion):

(a) Identify which **one** of the following groups self-rated the highest score for palpitations in the Euphoria condition.

- ☐ Epinephrine Ignorant (Epi Ign)
- ☐ Epinephrine Informed (Epi Inf)
- ☐ Epinephrine Misinformed (Epi Mis)
- ☐ Placebo [1]

(b) In the Anger condition, an observer recorded the participant's response to the stooge using several categories.

Outline how the category of 'Watches' was operationalised in this study.

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..... [2]

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

(a) Name the **two** tests used in this study, other than the eyes test.

1 .....

2 .....
[2]

(b) For **one** of the tests you named in **(a)**:

Identify **one** strength of this test.

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..... [1]

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3 In the study by Canli et al. (brain scans and emotions), participants viewed scenes.

(a) Outline how the participants' emotional arousal towards the scenes was measured.

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..... [3]

(b) Explain **one** weakness of how the participants' emotional arousal towards the scenes was measured.

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..... [2]

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

(a) Describe how the participants were allocated into the experimental groups.

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..... [4]

(b) One conclusion was that imitation of aggression in children is influenced by the sex of the model.

Outline **one** other conclusion from this study.

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..... [2]

5 In Experiment 2 of the study by Laney et al. (false memory), participants completed both the 'Memory or Belief?' questionnaire and the Food Preferences Questionnaire.

Describe **one** result from the 'Memory or Belief?' questionnaire and **one** result from the Food Preferences Questionnaire.

You **must** use data for **one** of these results.

Result – 'Memory or Belief?' questionnaire .....

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Result – Food Preferences Questionnaire .....

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[5]

6 Outline **two** assumptions of the social approach.

You **must** use an example from a core study for each assumption.

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2 .....

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[6]

7 Suggest **two** real-world applications based on the study by Dement and Kleitman (sleep and dreams).

Your suggestions **must** be ethical.

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2 .....

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[4]

8 Two friends, Haji and Dottie, are discussing the ethics of the study by Yamamoto et al. (chimpanzee helping). Haji thinks the study is ethical but Dottie thinks the study is **not** ethical.

Explain **one** reason why Haji is correct and **one** reason why Dottie is correct, using evidence from this study.

Haji (ethical) .....

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Dottie (**not** ethical) .....

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[6]

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

(a) Outline what is meant by a phobia.

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..... [2]

(b) Outline what is meant by evaluative learning.

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..... [2]

(c) Explain **one** similarity and **one** difference between the study by Saavedra and Silverman (button phobia) and the study by Pepperberg (parrot learning).

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10 Evaluate the study by Andrade (doodling) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about the use of an independent measures design.

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