Cambridge Assessment International Education

Cambridge International AS & A Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

9995719751 1

PSYCHOLOGY **9990/13**

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 scored the lowest on the Activity Index 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 'Neutral' was operationalised in this study.

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..... [2]

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

(a) Name **two** measures observed for every participant who helped a victim.

1 .....

2 .....

[2]

(b) Identify **one** methodological strength of this study.

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..... [1]

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3 In the final part of the study by Bandura et al. (aggression), each participant spent 20 minutes in the experimental room and their behaviour was observed through a one-way mirror.

(a) Outline the procedure for this final part of the study.

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..... [3]

(b) Explain **one** weakness of this final part of the study.

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..... [2]

4 From the study by Milgram (obedience):

(a) Describe the feedback from the learner (victim) that was given to the teacher (participant) during this study.

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..... [4]

(b) One conclusion was that people find it stressful to follow destructive orders from a person in authority.

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 Food History Inventory and photograph ratings of food items.

Describe **one** result from the Food History Inventory and **one** result from the photograph ratings of food items.

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

Result – Food History Inventory .....

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Result – photograph ratings .....

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[5]

6 Outline **two** assumptions of the learning 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 Baron-Cohen et al. (eyes test).

Your suggestions **must** be ethical.

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2 .....

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[4]

8 Two friends, Maria and Oscar, are discussing the ethics of the study by Saavedra and Silverman (button phobia). Maria thinks the study is ethical but Oscar thinks the study is **not** ethical.

Explain **one** reason why Maria is correct and **one** reason why Oscar is correct, using evidence from this study.

Maria (ethical) .....

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Oscar (**not** ethical) .....

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[6]

9 From the study by Yamamoto et al. (chimpanzee helping):

(a) Outline what is meant by altruism.

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..... [2]

(b) Outline what is meant by targeted helping.

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(c) Explain **one** similarity and **one** difference between the study by Yamamoto et al. (chimpanzee helping) and the study by Pepperberg (parrot learning).

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10 Evaluate the study by Dement and Kleitman (sleep and dreams) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about reliability.

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..... [10]

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