Cambridge Assessment International Education

Cambridge International AS & A Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

6675523031

PSYCHOLOGY **9990/12**

Paper 1 Approaches, Issues and Debates **October/November 2020**

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. Blank pages are indicated.

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[Turn over

Answer **all** questions.

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

(a) Name **one** of the objects on the tray for the chimpanzees, other than the stick or the straw.

..... [1]

(b) Outline the difference between an 'upon-request' offer and a 'voluntary' offer in this study.

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..... [2]

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

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..... [2]

2 In the euphoria condition in the study by Schachter and Singer (two factors in emotion), a stooge performed a series of standardised behaviours. An observer categorised any behaviours shown by the participant. One category was 'initiates new activity'.

(a) (i) Outline how the category of 'initiates new activity' was operationalised in this study.

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..... [2]

(ii) Name **one** behaviour shown by a participant in this study that was categorised as 'initiates new activity'.

..... [1]

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(b) Describe the results from the Activity Index in the euphoria condition for the Epinephrine Informed (Epi Inf) group compared to the Epinephrine Misinformed (Epi Mis) groups. You **must** use data in your answer.

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..... [3]

3 Explain one or more real-world applications of the study by Laney et al. (false memory). Do **not** refer to more than three applications in your answer.

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..... [5]

4 From the study by Milgram (obedience):

(a) Identify **two** characteristics of the learner in this study.

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..... [2]

(b) Describe the sample of participants used in this study.

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..... [3]

(c) Explain why this study is from the social approach.

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..... [2]

5 Describe the procedure of the study by Andrade (doodling) from the point when the tape had finished playing.

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..... [4]

6 Describe the psychology that is being investigated in the study by Bandura et al. (aggression).

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..... [5]

7 From the study by Pepperberg (parrot learning):

(a) Outline **one** aim of this study.

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..... [2]

(b) Outline **one** methodological weakness of this study.

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..... [2]

(c) Suggest **one** real-world application based on the procedure of this study.

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..... [2]

8 **(a)** Outline what is meant by individual and situational explanations of behaviour, using any examples. Do **not** refer to the study by Piliavin et al. (subway Samaritans) in your answer.

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..... [4]

(b) Explain how **one** result from the study by Piliavin et al. supports the individual explanation of helping behaviour and how **one** result supports the situational explanation of helping behaviour.

Result that supports the individual explanation of helping behaviour: .....

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Explain how: .....

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Result that supports the situational explanation of helping behaviour: .....

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Explain how: .....

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..... [8]

9 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 generalisations.

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..... [10]

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