Cambridge Assessment International Education

Cambridge International AS & A Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

9356407020

PSYCHOLOGY **9990/12**

Paper 1 Approaches, Issues and Debates **October/November 2021**

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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[Turn over

Answer **all** questions.

1 From the study by Saavedra and Silverman about a boy with a button phobia:

(a) State who provided the boy with positive reinforcement during the Behavioural Exposures stage of his therapy.

..... [1]

(b) Name **two** stimuli that were rated 4 or lower on the boy's Disgust/Fear Hierarchy.

1 .....

2 ..... [2]

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

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..... [2]

2 From the study by Pepperberg (parrot learning):

(a) Describe the psychology being investigated in this study.

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..... [3]

(b) Outline **one** strength of this study in relation to validity.

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..... [2]

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3 Before the study by Canli et al. (brain scans and emotions), other psychologists had found a relationship between amygdala activation and memory.

Canli et al. reported three alternative reasons for this relationship, other than amygdala activation causing the formation of memories.

(a) Outline **two** of these alternative reasons.

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2 .....

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..... [4]

(b) Describe the correlation between participants' intensity ratings and valence ratings.

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..... [2]

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

(a) Describe the familiarisation phase of this study.

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..... [3]

(b) Outline the **two** possible outcomes that ended a trial.

1 .....

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2 .....

..... [2]

(c) Identify **one** methodological weakness of this study.

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..... [1]

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

(a) Identify **two** features of the sample used in this study.

1 .....

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2 .....

..... [2]

(b) One of the questions that the participants were asked about their mood was 'How good or happy would you say you feel at present?'

Explain **one** reason why this question may **not** measure mood accurately.

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..... [2]

6 The study by Baron-Cohen et al. (eyes test) is based on Theory of Mind.

(a) Describe what is meant by 'Theory of Mind'.

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..... [4]

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

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..... [2]

7 Jamie has learned about the study by Milgram (obedience). He believes that the study is unethical.

(a) Outline what is meant by the ethical guideline of 'informed consent'.

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..... [2]

(b) Outline why Jamie is correct that this study is unethical, using evidence in your answer.

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8 **(a)** Outline the debate about individual and situational explanations in psychology, using an example from the study by Dement and Kleitman (sleep and dreams).

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..... [4]

(b) Explain what psychologists have learned about sleep and dreams using **two** results from the study by Dement and Kleitman. Do **not** refer to the debate about the individual and situational explanations in your answer.

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9 Evaluate the study by Bandura et al. (aggression) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about the use of quantitative data.

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