Cambridge Assessment International Education

Cambridge International AS & A Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

4491048111

PSYCHOLOGY **9990/13**

Paper 1 Approaches, Issues and Debates **October/November 2022**

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 Andrade (doodling):

(a) State the number of participants that were in the doodling group in this study.

..... [1]

(b) Describe the mock telephone message used in this study.

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..... [3]

2 From the study by Dement and Kleitman (sleep and dreams):

(a) Outline the relationship between the duration of time spent in REM sleep and the length of dream narrative in this study.

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..... [2]

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

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..... [2]

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

(a) Describe the sample for Group 3 in this study.

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..... [3]

(b) The original 'Reading the Mind in the Eyes' test had several problems. Two of these problems were:

- the test only used 25 pairs of eyes
- the two response options in the test were semantic opposites.

State how this study solved each of these problems with the revised 'Reading the Mind in the Eyes' test.

Problem 1: the test only used 25 pairs of eyes .....

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Problem 2: the two response options in the test were semantic opposites .....

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..... [2]

4 Prior to the experimental part of the study by Bandura et al. (aggression), the children were observed and rated for their baseline aggressive behaviour.

(a) State where the children were observed in this part of the study.

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..... [1]

(b) State **one** person who observed the children in this part of the study.

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..... [1]

(c) Outline how the children were rated for their baseline aggressive behaviour in this part of the study.

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..... [2]

(d) Outline **one** weakness of how the children were rated for their baseline aggressive behaviour in this part of the study.

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..... [2]

5 The study by Schachter and Singer investigated two factors in emotion.

(a) An Activity Index was used to collect results in the Euphoria condition.

Describe the results from the Activity Index for the Epinephrine Misinformed (Epi Mis) group compared to the placebo group. You **must** use data in your answer.

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..... [3]

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

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..... [2]

6 Outline what is meant by the 'social approach' in psychology. Include examples from the study by Yamamoto et al. (chimpanzee helping) in your answer.

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..... [4]

7 A teacher, Nina, has some students who are having difficulty learning a new skill. She wants to help these students to learn this new skill and asks you for advice.

Outline the advice you would give to Nina, using your knowledge of the study by Pepperberg (parrot learning).

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..... [4]

8 **(a)** Outline what is meant by the ethical guideline of 'confidentiality'.

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..... [2]

(b) From the study by Canli et al. (brain scans and emotions):

Two friends, Willow and Leo, are discussing this study in terms of ethics.

Willow believes the study is ethical but Leo believes the study is **not** ethical.

Outline why you think **either** Willow **or** Leo is correct, using evidence from the study.

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..... [4]

9 **(a)** In Experiment 2 of the study by Laney et al. (false memory), participants had to view twenty slides of common foods.

Describe what participants were asked to do immediately after viewing each slide.

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..... [4]

(b) Explain **one** similarity and **one** difference between the study by Laney et al. (false memory) and **one** other study from the cognitive approach.

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10 Evaluate the study by Milgram (obedience) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about generalisability.

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