Cambridge Assessment International Education

Cambridge International AS & A Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

2689448982

PSYCHOLOGY **9990/12**

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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[Turn over

Answer **all** questions.

1 In the study by Pepperberg (parrot learning), Alex the parrot could choose from three labels when asked 'What's same?' about two objects. Two of these labels were colour and shape.

(a) Name the label that Alex could use to answer the 'What's same?' question in this study, other than colour and shape.

..... [1]

(b) Describe the 'model/rival' procedure used in this study.

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..... [3]

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

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

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..... [2]

(b) Outline **one** of the dreams reported where a participant was driving a car.

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..... [2]

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

(a) Describe the sample for Group 2 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 had two response options for each pair of eyes
- some words in the test were difficult to understand.

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

Problem 1: the test only had two response options for each pair of eyes .....

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Problem 2: some words in the test were difficult to understand .....

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..... [2]

4 From the study by Laney et al. (false memory):

(a) Describe the Food Costs Questionnaire used in this study.

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..... [4]

(b) Outline **one** weakness of the Food Costs Questionnaire used in this 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 Informed (Epi Inf) group compared to the placebo group. You **must** use data in your answer.

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..... [3]

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

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..... [2]

6 The debate about individual and situational explanations relates to the study by Milgram (obedience).

Outline what is meant by this debate. Include **one** example from the individual explanation and **one** example from the situational explanation from the study by Milgram.

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..... [4]

7 Omar organises a football team for children but they are sometimes too aggressive during games. He wants to reduce this aggressive behaviour and asks you for advice.

Outline the advice you would give to Omar, using your knowledge of the study by Bandura et al. (aggression).

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..... [4]

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

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

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2 .....

..... [2]

(b) Two friends, Saad and Amina, are discussing this study in terms of generalisability.

Saad believes the study does have generalisability but Amina believes the study does **not** have generalisability.

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

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..... [4]

9 **(a)** Describe the psychology being investigated in the study by Andrade (doodling).

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(b) Explain **one** similarity and **one** difference between the study by Andrade (doodling) and **one** other study from the cognitive approach.

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10 Evaluate the study by Canli et al. (brain scans and emotions) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about validity.

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..... [10]

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