



Cambridge International AS & A Level

CANDIDATE
NAME

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CENTRE
NUMBER

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PSYCHOLOGY

9990/13

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.

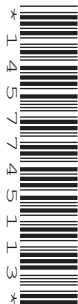
INSTRUCTIONS

- 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.



2

Answer **all** questions.

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

- (a) Two stooges were used to manipulate emotional states. One of these stooges attempted to manipulate euphoria.

Name the other emotional state manipulated in this study.

..... [1]

- (b) Name **two** categories an observer used to code the participants' behaviour during the euphoria conditions.

1

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2

..... [2]

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

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..... [2]

2 (a) In the study by Pepperberg, Alex the parrot was trained using the Model/Rival technique. Outline the procedure of this technique.

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..... [3]

3

- (b) Name **one** colour, **one** shape and **one** material that Alex the parrot could already vocalise before the study began.

Colour:

Shape:

Material: [3]

- 3** Explain one or more real-world applications of the study by Milgram (obedience).
Do **not** refer to more than three applications in your answer.

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4**4** From the study by Piliavin et al. (subway Samaritans):**(a)** Outline **one** way in which the participants were deceived 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

- 5** Describe how Saavedra and Silverman used the Child Anxiety and Phobia Program to diagnose the boy who had a phobia of buttons.

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..... [4]

- 6** Describe the psychology that is being investigated in the study by Dement and Kleitman (sleep and dreams).

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..... [5]

6

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

(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 Bandura et al. (aggression) in your answer.

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..... [4]

7

- (b) Explain how **one** result from the study by Bandura et al. supports the individual explanation of aggression and how **one** result supports the situational explanation of aggression.

Result that supports the individual explanation of aggression:

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Explain how:

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Result that supports the situational explanation of aggression:

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Explain how:

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..... [8]

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[10]

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