Cambridge Assessment International Education

Cambridge International AS & A Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

1457745113

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.

© UCLES 2020

[Turn over

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 .....

.....

2 .....

..... [2]

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

.....

.....

.....

..... [2]

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

.....

.....

.....

.....

.....

..... [3]

© UCLES 2020

(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.

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [5]

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

(a) Outline **one** way in which the participants were deceived in this study.

.....

.....

.....

..... [2]

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

.....

.....

.....

.....

.....

..... [3]

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

.....

.....

.....

..... [2]

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

.....

.....

.....

.....

.....

.....

.....

..... [4]

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

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [5]

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

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

.....

.....

.....

..... [2]

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

.....

.....

.....

..... [2]

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

.....

.....

.....

..... [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.

.....

.....

.....

.....

.....

.....

.....

..... [4]

(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: .....

.....

.....

.....

.....

Explain how: .....

.....

.....

.....

Result that supports the situational explanation of aggression: .....

.....

.....

.....

.....

Explain how: .....

.....

.....

..... [8]

9 Evaluate the study by Yamamoto et al. (chimpanzee helping) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about using repeated measures.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [10]

BLANK PAGE

© UCLES 2020

BLANK PAGE

© UCLES 2020

BLANK PAGE

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (UCLES) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced online in the Cambridge Assessment International Education Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download at www.cambridgeinternational.org after the live examination series.

Cambridge Assessment International Education is part of the Cambridge Assessment Group. Cambridge Assessment is the brand name of the University of Cambridge Local Examinations Syndicate (UCLES), which itself is a department of the University of Cambridge.

© UCLES 2020