Cambridge Assessment International Education

Cambridge International AS & A Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

2387935225

PSYCHOLOGY **9990/13**

Paper 1 Approaches, Issues and Debates **May/June 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 **8** pages.

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[Turn over

Answer **all** questions.

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

(a) State the age at which the boy's button phobia began.

..... [1]

(b) State what happened to the boy's ratings of distress from session 2 to session 4.

..... [1]

(c) Describe the disgust-related exposure sessions.

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..... [3]

2 From the study by Pepperberg (parrot learning):

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

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..... [2]

(b) Describe **one** result from the tests on familiar objects. You **must** use data in your answer.

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..... [2]

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(c) Outline **one** ethical guideline that was important for Pepperberg to consider when designing this study.

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..... [2]

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

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

1 .....

2 .....

3 ..... [3]

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

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..... [2]

4 **(a)** Describe **two** assumptions of the cognitive approach.

1 .....

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2 .....

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..... [4]

(b) Explain how **one** finding from the study by Andrade (doodling) supports **one** of the assumptions of the cognitive approach that you have described in **(a)**.

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..... [2]

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

(a) Identify **one** object that a chimpanzee could have chosen, other than the stick or straw.

..... [1]

(b) Describe the result from the chimpanzee Pan in the first "Can See" condition. You **must** use data in your answer.

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..... [2]

(c) Outline **one** strength of this study.

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..... [2]

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6 Describe the procedure of Experiment 2 in the study by Laney et al. (false memory) from when the participants began viewing slides of food until the end of the study.

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..... [5]

7 From the study by Milgram (obedience):

(a) Identify **three** features of the experimenter in this study.

1 .....

2 .....

3 ..... [3]

(b) At the start of the study, participants were told that 'we know very little about the effect of punishment on learning'.

Describe what else each participant was told before they were assigned to the role of teacher.

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..... [3]

8 **(a)** Research has shown that children who watch violent television programmes are less likely to be aggressive.

Explain **two** ways the study by Bandura et al. (aggression) differs from this research.

1 .....

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2 .....

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..... [4]

(b) Explain **one** similarity and **one** difference between the study by Bandura et al. (aggression) and **one** other core study from the learning approach.

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9 Evaluate the study by Schachter and Singer (two factors in emotion) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about ethics.

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