



# Cambridge International AS & A Level

CANDIDATE  
NAME

CENTRE  
NUMBER

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CANDIDATE  
NUMBER

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**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.

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]

(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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..... [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]







