Cambridge Assessment International Education

# Cambridge International AS & A Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

*9819789143*

**PSYCHOLOGY** **9990/13**

Paper 1 Approaches, Issues and Debates **October/November 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 **12** pages. Any blank pages are indicated.


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**[Turn over**

Answer **all** questions.

**1** From the study by Andrade (doodling):

**(a)** State the number of participants used in this study.

..... [1]

**(b)** Identify **two** features of the mock telephone message that was played to the participants.

1 .....

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2 .....

..... [2]

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

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..... [2]

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

**(a)** Describe the psychology being investigated in this study.

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..... [3]

**(b)** Outline **one** strength of this study in relation to validity.

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..... [2]

**3** From the study by Milgram (obedience):

**(a)** Outline the sampling technique used in this study.

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..... [2]

**(b)** State **two** characteristics of the victim (learner) used in this study.

1 .....

2 ..... [2]

**(c)** When the participant (teacher) pressed a switch on the shock generator, there were several changes.

Describe **two** changes on the shock generator after the participant pressed a switch, other than a bright red light illuminating.

1 .....

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2 .....

..... [2]

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**4** From the study by Canli et al. (brain scans and emotions):

**(a)** Describe the procedure of the study when the participants were having their brain scans.

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..... [5]

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

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..... [1]

**5** In the study by Baron-Cohen et al. (eyes test):

**(a)** Group 3 included males and females.

Identify **two** other characteristics of Group 3.

1 .....

2 ..... [2]

**(b)** Each participant's attribution of mental state was tested by their selection of a word to describe the pair of eyes in a photograph.

Explain **one** reason why this test may **not** accurately measure attribution of mental state.

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..... [2]

**6** The study by Schachter and Singer is based on the two-factor theory of emotion.

**(a)** Describe what is meant by the two-factor theory of emotion.

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..... [4]

**(b)** Outline how **one** result from this study supports the two-factor theory of emotion.

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..... [2]

**7** Lizzie has learned about the study by Laney et al. (false memory). She believes that the study is unethical.

**(a)** Outline what is meant by the ethical guideline of 'informed consent'.

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..... [2]

**(b)** Outline why Lizzie is correct that the study is unethical, using evidence in your answer.

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..... [4]

8 **(a)** Outline the nature versus nurture debate in psychology, using an example other than the study by Bandura et al. (aggression).

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**(b)** Explain what psychologists have learned about aggression using **two** results from the study by Bandura et al.

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..... [8]

**9** Evaluate the study by Piliavin et al. (subway Samaritans) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about the use of qualitative data.

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