Cambridge Assessment International Education

Cambridge International AS & A Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

0230207076

PSYCHOLOGY **9990/13**

Paper 1 Approaches, Issues and Debates **May/June 2022**

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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Answer **all** questions.

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

(a) State the number of participants diagnosed with AS/HFA in this study.

..... [1]

(b) The AS/HFA participants were the only group asked to make two judgements about each photograph. One of these judgements was about the emotion in the photograph.

Name the other judgement this group were asked to make about each photograph.

..... [1]

(c) Identify the **two** ways that the revised eyes test increased the range of scores a participant could obtain.

1 .....

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2 .....

..... [2]

2 In the study by Yamamoto et al., the chimpanzee helper had access to a tray containing seven objects. Two of these objects were the straw and the stick.

(a) Name **two** objects the chimpanzee helper could choose, other than the straw and the stick.

1 .....

2 ..... [2]

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

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..... [2]

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

(a) Describe the sample used in this study.

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..... [3]

(b) Describe **one** result about **no** dream recall from REM awakenings in the first half of the night compared to the second half of the night.

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..... [2]

4 From the study by Milgram (obedience):

(a) Describe the procedure after the 'preliminary run' until the participant pressed the 300 volt shock level switch.

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..... [4]

(b) Studies in social psychology can be used to help government officials.

Suggest how the study by Milgram could be used to help a government official make the general public follow a new public safety guideline. Your suggestion **must** be ethical.

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..... [2]

5 From the study by Pepperberg (parrot learning):

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

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..... [2]

(b) Explain **one** reason why the procedure was standardised in this study.

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..... [3]

6 Outline what is meant by the 'cognitive approach' in psychology. Include examples from the study by Andrade (doodling) in your answer.

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..... [4]

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

Describe the procedure in the Euphoria condition from immediately after the participant was injected, until the stooge started their routine.

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..... [4]

8 From the study by Bandura et al. (aggression):

(a) (i) Identify **one** example of 'imitative verbal aggression' said by the participants.

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..... [1]

(ii) Identify **one** example of 'imitative non-aggressive verbal response' said by the participants.

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..... [1]

(b) Two friends, Arturo and Gloria, are discussing this study in terms of validity.

Arturo believes the study does have validity but Gloria believes the study does **not** have validity.

Outline why you think **either** Arturo **or** Gloria is correct, using evidence from the study.

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..... [4]

9 **(a)** Describe the psychology being investigated in the study by Laney et al. (false memory).

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..... [4]

(b) Explain whether each ethical guideline below was broken in the study by Laney et al. (false memory):

confidentiality .....

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deception .....

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informed consent .....

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protection from psychological harm .....

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..... [8]

10 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 quantitative data.

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