GradeMax

Cambridge Assessment International Education

Cambridge International AS & A Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

3078776627

PSYCHOLOGY **9990/12**

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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[Turn over

Answer **all** questions.

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

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

..... [1]

(b) Trials on a given day were always in the same victim condition.

State how the victim condition was chosen.

..... [1]

(c) Identify **two** differences between the models used in this study.

1 .....

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2 .....

..... [2]

2 From the study by Pepperberg (parrot learning):

(a) Name **two** items that were always available to Alex the parrot without him having to request them.

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) One feature of the sample in this study was that they were all adults.

Identify **three** other features of the sample used in this study.

1 .....

2 .....

3 ..... [3]

(b) Describe **one** result about 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]

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4 **(a)** At the end of the study by Milgram (obedience), the experimenter used an 'interview and dehoax' procedure with his participants.

Describe this procedure.

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..... [4]

(b) Studies in social psychology can be used to help managers in the workplace.

Suggest how the study by Milgram could be used to help a manager with disobedient workers. Your suggestion **must** be ethical.

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..... [2]

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

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

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..... [2]

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

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6 Outline what is meant by the 'learning approach' in psychology. Include examples from the study by Saavedra and Silverman (button phobia) in your answer.

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7 From the study by Laney et al. (false memory):

Describe the Restaurant Questionnaire.

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..... [4]

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

(a) Outline the category of 'initiates new activity' for the behaviour of participants in the Euphoria condition.

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..... [2]

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(b) Two friends, Maryam and Zara, are discussing this study in terms of reliability.

Maryam believes the study does have reliability but Zara believes the study does **not** have reliability.

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

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9 **(a)** Describe the psychology being investigated in the study by Bandura et al. (aggression).

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(b) Explain whether each ethical guideline below was broken in the study by Bandura et al. (aggression).

confidentiality .....

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deception .....

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protection from physical harm .....

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protection from psychological harm .....

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..... [8]

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10 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 laboratory experiments.

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