Cambridge International AS & A Level

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CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

5119193400

PSYCHOLOGY **9990/12**

Paper 1 Approaches, Issues and Debates **May/June 2019**

1 hour 30 minutes

Candidates answer on the Question Paper.

No Additional Materials are required.

READ THESE INSTRUCTIONS FIRST

Write your centre number, candidate number and name in the spaces at the top of this page.
Write in dark blue or black pen.
You may use an HB pencil for any diagrams and graphs.
Do not use staples, paper clips, glue or correction fluid.
DO **NOT** WRITE IN ANY BARCODES.

Answer **all** questions.

At the end of the examination, fasten all your work securely together.
The number of marks is given in brackets [ ] at the end of each question or part question.

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Answer **all** questions.

1 In his study, Milgram used a fake shock generator to measure levels of obedience.

(a) (i) What was the voltage increment from one switch to the next on the generator?

..... [1]

(ii) What label was underneath the switches from 375–420 volts on the generator?

..... [1]

(iii) How many participants pressed the maximum voltage switch, labelled 450 volts?

..... [1]

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

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..... [2]

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

(a) Outline what the participants in the 'Epinephrine Ignorant (EPI IGN)' group were told during their injection.

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..... [2]

(b) Describe the results from the Activity Index measure in the Euphoria condition for the 'Epinephrine Ignorant (EPI IGN)' group compared to the 'Epinephrine Misinformed (EPI MIS)' group. You must use data in your answer.

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..... [3]

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3 From the study by Saavedra and Silverman (button phobia):

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

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..... [2]

(b) Describe **one** strength of this study.

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..... [2]

4 Describe the 'Aggression Arousal' procedure in the study by Bandura et al.

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..... [5]

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[Turn over

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

(a) Identify **two** characteristics of the sample used in Experiment 1.

1 .....

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2 .....

..... [2]

(b) The Restaurant Questionnaire measures the likelihood of eating certain foods.

Explain **one** reason why it may **not** measure this accurately.

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..... [2]

6 A teacher, Rachael, has a new class of children aged six years. She wants the children to help each other more often in the classroom and asks you for advice.

Outline the advice you would give to Rachael, using your knowledge of the study by Yamamoto et al. (chimpanzee helping).

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..... [4]

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

Describe **one** result about the ratings of emotional intensity of the scenes and **one** result about the percentage of participants who 'remembered' the scene across intensity ratings. You must use data for **one** of these results.

the ratings of emotional intensity of the scenes .....

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the percentage of participants who 'remembered' the scene across intensity ratings .....

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..... [5]

8 Duncan has learned about the Pepperberg (parrot learning) study. He believes that the results support the nurture side of the nature-nurture debate.

(a) Outline what is meant by the 'nature-nurture debate'.

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..... [2]

(b) Outline why Duncan is correct, using evidence in your answer.

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..... [4]

9 **(a)** Describe **two** of the independent variables in the study by Piliavin et al. (subway Samaritans).

1 .....

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2 .....

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..... [4]

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(b) Explain whether each guideline below was broken in the study by Piliavin et al. (subway Samaritans):

- debriefing
- deception
- confidentiality
- protection

debriefing .....

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deception .....

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confidentiality .....

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protection .....

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..... [8]

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10 Evaluate the study by Andrade (doodling) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about the use of quantitative data.

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