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Cambridge International AS & A Level

Cambridge International Examinations
Cambridge International Advanced Subsidiary and Advanced Level

CANDIDATE NAME

CENTRE NUMBER | | | | | |

CANDIDATE NUMBER | | | | |

4794990241

PSYCHOLOGY **9990/12**

Paper 1 Approaches, Issues and Debates **May/June 2018**

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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[Turn over

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Answer **all** questions.

1 From the study by Andrade (doodling):

(a) State the aim of this study.

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.....[1]

(b) How was the 'monitoring performance score' calculated for each participant?

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.....[1]

(c) Outline **one** result from the monitoring performance scores.

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.....[2]

2 The study by Canli et al. (brain scans and emotions) used adult participants.

(a) Identify **two** other features of this sample.

1 .....

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2 .....

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[2]

(b) Outline **one** methodological problem that could arise if children were used as participants in this study.

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.....[2]

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3 Saavedra and Silverman studied a boy with a button phobia.

Describe what happened during the behavioural exposures intervention phase of the therapy.

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.....[4]

4 Piliavin et al. (subway Samaritans) used four different model conditions. One of these was 'Critical area – early'.

(a) Outline what the model was expected to do in this condition.

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.....[2]

(b) Describe **one** quantitative result of the behaviour of participants in the critical area.

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.....[2]

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5 The study by Yamamoto et al. (chimpanzee helping) is based on the concepts of altruism and empathy.

(a) Outline what is meant by 'altruism' and 'empathy'.

altruism .....

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empathy .....

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[4]

(b) Outline how **one** result from this study supports the concept of **either** altruism **or** empathy.

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.....[2]

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6 In the study by Schachter and Singer (two factors in emotion), the anger condition used a stooge and a questionnaire.

(a) Describe the procedure in the anger condition after the participants met the stooge.

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.....[5]

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

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.....[3]

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7 **(a)** Outline **one** assumption of the learning approach, including any example in your answer.

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.....[2]

(b) Studies from the learning approach have real-world applications.

Describe how the results of the study by Bandura et al. (aggression) can be applied to helping parents reduce aggressive behaviour in their children.

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.....[4]

(c) Outline **one** other real-world application based on the results or conclusions from the study by Bandura et al.

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.....[2]

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8 **(a)** In the study by Pepperberg (parrot learning), the main way that Alex was trained was called 'the model/rival technique'.

Explain the procedure of this technique.

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.....[4]

(b) Explain **one** similarity and **one** difference between the study by Pepperberg and **one** other core study from the learning approach.

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.....[8]

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9 Evaluate the study by Baron-Cohen et al. (eyes test) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about the use of self-reports.

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