

CANDIDATE
NAME

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CENTRE
NUMBER

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CANDIDATE
NUMBER

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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.

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.

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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]

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]

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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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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