Cambridge International AS & A Level

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CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

8454288902

PSYCHOLOGY **9990/12**

Paper 1 Approaches, Issues and Debates **October/November 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 or 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.

This document consists of **8** printed pages.

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[Turn over

Answer **all** questions.

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

(a) Name the main brain structure investigated in this study.

.....[1]

(b) Outline how the participants rated their emotional arousal towards the scenes.

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.....[2]

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

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.....[2]

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

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

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.....[2]

(b) Describe the results for the Autism Spectrum Quotient (AQ) test for **two** groups of participants. You **must** use data in your answer.

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.....[3]

3 From the study by Yamamoto et al. (chimpanzee helping):

(a) Explain why this study is from the social approach.

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.....[2]

(b) Explain **one** strength of using animals as participants in this study.

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4 Describe how the 'transfer tests with novel objects' were conducted on Alex the parrot during the study by Pepperberg (parrot learning).

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5 From the study by Milgram (obedience):

(a) The teacher was given a 'sample shock'.

Describe this procedure.

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.....[2]

(b) Explain **one** methodological weakness of the study by Milgram.

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6 Describe the psychology that is being investigated in the study by Laney et al. (false memory).

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.....[4]

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

(a) Name **two** things that participants were asked to do (or not to do) prior to the study.

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2 .....

.....[2]

(b) Outline **one** quantitative result from this study.

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(c) Suggest **one** real life application from this study.

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.....[2]

8 Two friends, Lok and Hiruni, are discussing the ethics of the study by Schachter and Singer (two factors in emotion). Lok thinks the study is ethical but Hiruni thinks it is unethical.

Explain **one** reason why Lok is correct and **one** reason why Hiruni is correct, using evidence from this study.

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9 **(a)** Describe what was recorded by the female observers in the study by Piliavin et al. (subway Samaritans).

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(b) Explain **two** similarities between the study by Piliavin et al. (subway Samaritans) and the study by Yamamoto et al. (chimpanzee learning).

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10 Evaluate the study by Saavedra and Silverman (button phobia) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about case studies.

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