Cambridge International AS & A Level

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CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

3293411361

PSYCHOLOGY **9990/13**

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

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

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..... [2]

(b) Describe what the participants in the epinephrine-misinformed (Epi-Mis) condition were told immediately after agreeing to the injection.

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..... [3]

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

(a) Identify **two** characteristics of the sample used, other than that they were chimpanzees.

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..... [2]

(b) Describe the results from the second 'Can See' condition. You must use data in your answer.

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..... [3]

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

(a) Outline **one** conclusion about eye movement during REM sleep.

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..... [2]

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

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..... [2]

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[Turn over

4 Describe the Restaurant Questionnaire completed by participants in the study by Laney et al. (false memory).

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..... [5]

5 From the study by Andrade (doodling):

(a) Identify **two** examples where a response would be recorded as a 'false alarm' for the recall of names.

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..... [2]

(b) Suggest **one** problem with the sample used in this study.

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..... [2]

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6 Simone is a student who never uses a spoon to eat with at lunchtime because he has a phobia of spoons.

Outline how Simone could be helped to overcome his phobia of spoons, using your knowledge of the study by Saavedra and Silverman (button phobia).

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..... [4]

7 Piliavin et al. (subway Samaritans) studied spontaneous helping of victims on a subway.

Describe **one** result about the spontaneous helping of white victims and **one** result about the spontaneous helping of black victims. You must use data for **one** of these results.

spontaneous helping of white victims .....

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spontaneous helping of black victims .....

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[5]

8 Patty has learned about the study by Canli et al. (brain scans and emotions). She believes that the results support the nature side of the nature–nurture debate.

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

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..... [2]

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

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9 **(a)** Describe the psychology being investigated in the study by Pepperberg (parrot learning).

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..... [4]

(b) Studies in psychology can be assessed on ethical issues: whether they follow ethical guidelines or not. Four ethical guidelines relating to animals are listed below.

Explain whether each guideline was followed in the study by Pepperberg (parrot learning):

- deprivation
- housing
- numbers
- species

deprivation .....

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housing .....

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numbers .....

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species .....

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[8]

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10 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 quantitative data.

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