Cambridge International AS & A Level

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CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

7417279625

PSYCHOLOGY **9990/11**

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.

This document consists of **7** printed pages and **1** blank page.

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Answer **all** questions.

1 From the study by Milgram (obedience):

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

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..... [2]

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

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..... [2]

2 From the study by Pepperberg (parrot learning):

(a) Identify the concept that was being tested in this study.

..... [1]

(b) Alex the parrot remained in his cage during 'sleep hours'.

Describe what Alex was allowed to do during non-sleeping hours, when he was **not** being used in a trial.

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..... [4]

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3 In the study by Saavedra and Silverman (button phobia), the boy completed a disgust/fear hierarchy by giving a distress rating to different stimuli on a scale from 0–8.

(a) (i) Name **one** stimulus which was given a rating of 8.

..... [1]

(ii) Name **the** stimulus that was given a rating of 2.

..... [1]

(b) Outline the results from the post-treatment assessment session.

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..... [3]

4 Describe the procedure during the brain scanning phase of the study by Canli et al. (brain scans and emotions).

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..... [5]

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

(a) Identify **two** of the characteristics of the sample in Group 3.

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2 .....

..... [2]

(b) Explain **one** problem with the original version of the 'Reading the Mind in the Eyes' test.

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..... [2]

6 A teacher, Jayne, has a new class of students. Her students are not concentrating during films (movies) in class. She is thinking of ways to help them and asks you for advice.

Outline the advice you would give to Jayne, using your knowledge of the study by Andrade (doodling).

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..... [4]

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

Describe **one** result about dream recall in REM sleep and **one** result about the estimations of dream-duration time in REM sleep. You must use data for **one** of these results.

dream recall in REM sleep .....

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estimations of dream-duration time in REM sleep .....

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..... [5]

8 Mandy has learned about the study by Bandura et al. (aggression). She 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 Mandy is correct, using evidence in your answer.

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..... [4]

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9 **(a)** Describe **two** aims of the study by Schachter and Singer (two factors in emotion).

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2 .....

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..... [4]

(b) Explain whether each guideline below was broken in the study by Schachter and Singer (two factors in emotion):

- confidentiality
- debriefing
- deception
- protection

confidentiality .....

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debriefing .....

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deception .....

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protection .....

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..... [8]

10 Evaluate the study by Piliavin et al. (subway Samaritans) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about the use of independent measures.

.... [10]

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