Cambridge Assessment International Education

Cambridge International AS & A Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER



PSYCHOLOGY **9990/13**

Paper 1 Approaches, Issues and Debates **May/June 2020**

1 hour 30 minutes

You must answer on the question paper.

No additional materials are needed.

INSTRUCTIONS

- Answer **all** questions.
- Use a black or dark blue pen. You may use an HB pencil for any diagrams or graphs.
- Write your name, centre number and candidate number in the boxes at the top of the page.
- Write your answer to each question in the space provided.
- Do **not** use an erasable pen or correction fluid.
- Do **not** write on any bar codes.

INFORMATION

- The total mark for this paper is 60.
- The number of marks for each question or part question is shown in brackets [ ].

This document has **12** pages. Blank pages are indicated.

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Answer **all** questions.

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

(a) Identify the sampling technique used in this study.

..... [1]

(b) Outline the scale that was used by participants to indicate their emotional arousal to each picture.

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..... [2]

(c) Describe what happened to a participant during the 'recognition test' in this study.

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..... [3]

2 From the study by Pepperberg that used a parrot as the participant:

(a) Outline **one** psychological concept that was investigated in this study.

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..... [2]

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(b) Outline **one** result for first-trial-only performance from this study. You must use data in your answer.

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..... [2]

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

(a) Outline **one** result from this study. Refer only to results from the eyes test in your answer.

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..... [2]

(b) Outline **one** methodological strength of this study.

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..... [2]

(c) Outline **one** ethical weakness of this study.

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..... [2]

4 In the study by Saavedra and Silverman (button phobia), the boy with the phobia went through a 'behavioural exposures' procedure as part of his treatment.

(a) Describe the 'behavioural exposures' procedure as used in this study.

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..... [4]

(b) Outline the posttreatment follow-up assessment session.

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..... [2]

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5 Maria wants to replicate the Epinephrine Ignorant (Epi Ign) condition from the study by Schachter and Singer (two factors in emotion) and needs your help. You must produce clear instructions for Maria, from when the participant arrives until they are given the injection.

Suggest instructions that Maria could use to replicate this part of the study.

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..... [5]

6 From the study by Piliavin et al. (subway Samaritans):

(a) Identify **two** characteristics of the sample used in this study.

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..... [2]

(b) Describe how the sample was obtained for this study.

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..... [3]

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

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..... [2]

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

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

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..... [2]

(b) Suggest **one** real-world application of this study.

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..... [2]

8 The study by Bandura et al. (aggression) is from the learning approach.

(a) Outline **two** assumptions of the learning approach, using any example for each.

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2 .....

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..... [4]

(b) Explain how **one** result from the study by Bandura et al. supports the nature side of the nature–nurture debate and how **one** result supports the nurture side of the nature–nurture debate.

Result that supports the nature side of the nature–nurture debate: .....

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Explain how: .....

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Result that supports the nurture side of the nature–nurture debate: .....

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Explain how: .....

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..... [8]

9 Evaluate the study by Laney et al. (false memory) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about generalisations.

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