Cambridge Assessment International Education

Cambridge International AS & A Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

7633281399

PSYCHOLOGY **9990/12**

Paper 1 Approaches, Issues and Debates **February/March 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 Andrade (doodling):

(a) State the experimental design used in this study. Include a reason for your answer.

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..... [2]

(b) Outline the materials used by participants in the doodling condition.

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..... [2]

(c) Outline the result for 'false alarms for places' (incidental information) in the study.

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..... [2]

2 From the case study by Saavedra and Silverman who gave therapy to a 9-year old boy after his negative experience with buttons:

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

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..... [2]

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(b) Outline **one** result from the posttreatment assessment session.

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3 From the study by Pepperberg (parrot learning):

(a) Outline **one** result of the test on Alex the parrot which used familiar objects.

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..... [2]

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

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

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4 **(a)** Describe the 'learning task' used in the study by Milgram (obedience).

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..... [4]

(b) Outline how Milgram ensured that the participant was never the learner.

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..... [2]

5 Sai wants to replicate an experimental condition from the study by Bandura et al. (aggression) and needs your help. You must produce clear instructions for Sai, from when a child in the experimental condition arrives at the experimental room until the child observes a model assembling the tinker toys.

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

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..... [5]

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

(a) Identify **two** characteristics of the sample used in Group 1.

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..... [2]

(b) Describe how the participants were recruited for Group 1.

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..... [3]

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

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7 From the study by Laney et al. (false memory):

(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 Piliavin et al. (subway Samaritans) is from the social approach.

(a) Outline **two** assumptions of the social 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 Piliavin et al. supports the situational explanation of behaviour and how **one** result does **not** support diffusion of responsibility.

Result that supports the situational explanation of behaviour: .....

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Explain how: .....

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Result that does **not** support diffusion of responsibility: .....

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Explain how: .....

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..... [8]

9 Evaluate the study by Canli et al. (brain scans and emotions) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about laboratory-based research.

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