



CANDIDATE
NAME

--

CENTRE
NUMBER

--	--	--	--	--

CANDIDATE
NUMBER

--	--	--	--

9990/11

May/June 2024

1 hour 30 minutes

You must answer on the question paper.

No additional materials are needed.

- 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.

- 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. Any blank pages are indicated.

Section A

Answer **all** questions.

1 In the study by Pozzulo et al. (line-ups), cartoon character targets were used.

(a) Identify **one** of the cartoon characters used.

..... [1]

(b) Identify **two** features of the participants in the 'young children' group.

1

.....

2

..... [2]

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

.....

.....

.....

..... [2]

2 From the study by Milgram (obedience):

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

.....

.....

.....

..... [2]

(b) Outline **one** way in which the participants were deceived.

.....

.....

.....

..... [2]

3 From the study by Hassett et al. (monkey toy preferences):

(a) Outline **one** result in relation to the duration of play by the monkeys with the 'wheeled' toys.

.....

.....

.....

..... [2]

(b) Outline **one** result in relation to the rank of female monkeys and the duration of play.

.....

.....

.....

..... [2]

(c) Explain **one** weakness of this study.

.....

.....

.....

..... [2]

4 From the study by Bandura et al. (aggression):

(a) Outline how 'mallet aggression' was defined in this study.

.....

.....

.....

..... [2]

(b) Outline **one** feature of social learning theory, using an example from this study.

.....

.....

.....

.....

.....

..... [3]

5 Suggest at least one application to everyday life of the study by Andrade (doodling). Do **not** refer to more than three applications in your answer. Your suggestion(s) **must** be ethical.

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [5]

- 6 In the study by Piliavin et al. (subway Samaritans), on each trial a team of four students boarded the train.

Describe the procedure from this point until the victim collapsed.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [5]

- 7 Suggest **two** problems that could arise if children were used as participants in the study by Baron-Cohen et al. (eyes test).

1

.....

.....

.....

2

.....

.....

..... [4]

- 8 Two friends, Jack and Daphne, are discussing the ethics of the study by Perry et al. (personal space). Jack says the study is ethical, but Daphne says the study is **not** ethical.

Explain why you think **either** Jack **or** Daphne is correct, using evidence from this study in your answer.

The friend who I think is correct is

because:

.....

.....

.....

.....

.....

.....

..... [4]

Section B

Answer **all** questions.

- 9 (a) Outline **two** dreams reported by participants in the study by Dement and Kleitman (sleep and dreams).

1

.....

.....

.....

2

.....

.....

..... [4]

- (b) Explain **two** differences between the study by Dement and Kleitman (sleep and dreams) and **one** other study from the biological approach. One of the differences **must** be about the sample of participants.

Difference 1

.....

.....

.....

.....

.....

.....

.....

Difference 2

.....

.....

.....

.....

.....

.....

..... [8]

- 10 Evaluate the study by Fagen et al. (elephant learning) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about quantitative data.

This image shows a full page of a document template. It consists of approximately 28 evenly spaced horizontal dotted lines across the entire width of the page, providing a guide for handwriting or typing. The background is plain white, and there are no margins, headers, or footers visible.

BLANK PAGE

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (UCLES) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced online in the Cambridge Assessment International Education Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download at www.cambridgeinternational.org after the live examination series.

Cambridge Assessment International Education is part of Cambridge Assessment. Cambridge Assessment is the brand name of the University of Cambridge Local Examinations Syndicate (UCLES), which is a department of the University of Cambridge.