



CANDIDATE
NAME

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9990/11

May/June 2024

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 [].

[Turn over

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

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2

..... [2]

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

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..... [2]

2 From the study by Milgram (obedience):

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

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..... [2]

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

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..... [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.

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..... [2]

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

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..... [2]

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

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..... [2]

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

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

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..... [2]

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

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..... [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.

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..... [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.

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..... [5]

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

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2

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..... [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:

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..... [4]

Section B

Answer **all** questions.

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

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..... [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

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Difference 2

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..... [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.

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