



CANDIDATE
NAME

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9990/11

October/November 2022

1 hour 30 minutes

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 [].

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[Turn over

Answer **all** questions.

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

(a) State the number of participants who were 'studied intensively' in this study.

..... [1]

(b) Describe the procedure used to investigate dream recall in this study.

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..... [3]

2 From the study by Saavedra and Silverman (button phobia):

(a) Name **two** stimuli that were rated 5 or higher on the boy's Disgust/Fear Hierarchy.

1

2 [2]

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

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..... [2]

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

(a) Describe the sample for Group 1 in this study.

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..... [3]

(b) The original 'Reading the Mind in the Eyes' test had several problems. Two of these problems were:

- the test only used 25 pairs of eyes
- some words in the test were difficult to understand.

State how this study solved each of these problems with the revised 'Reading the Mind in the Eyes' test.

Problem 1: the test only used 25 pairs of eyes

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Problem 2: some words in the test were difficult to understand

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..... [2]

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

(a) Describe the 'Memory or Belief?' questionnaire used in this study.

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..... [4]

(b) Outline **one** weakness of the 'Memory or Belief?' questionnaire used in this study.

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..... [2]

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

- (a) Describe the results in the 'no model' condition when help was given. You **must** use data in your answer.

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..... [3]

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

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..... [2]

6 The debate about nature versus nurture relates to the study by Schachter and Singer (two factors in emotion).

Outline what is meant by this debate. Include **one** example for nature and **one** example for nurture from the study by Schachter and Singer.

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..... [4]

- 7 Makena has a job creating advertisements for television. She wants to use emotion to advertise a new product and asks you for advice.

Outline the advice you would give to Makena, using your knowledge of the study by Canli et al. (brain scans and emotions).

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..... [4]

- 8 (a) Outline what is meant by the ethical guideline of 'privacy'.

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..... [2]

- (b) From the Bandura et al. study (aggression):

Two friends, Adria and Don, are discussing this study in terms of ethics.

Adria believes the study is ethical but Don believes the study is **not** ethical.

Outline why you think **either** Adria **or** Don is correct, using evidence from the study.

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..... [4]

- 9 (a)** Describe the psychology being investigated in the study by Milgram (obedience).

[4]

- (b)** Explain **one** similarity and **one** difference between the study by Milgram (obedience) and **one** other study from the social approach.

[8]

- 10** Evaluate the study by Andrade (doodling) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about reliability.

[illegible]

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