



CANDIDATE
NAME

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9990/13

October/November 2021

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 [].

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[Turn over

Answer **all** questions.

1 From the study by Andrade (doodling):

(a) State the number of participants used in this study.

..... [1]

(b) Identify **two** features of the mock telephone message that was played to the participants.

1

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2

..... [2]

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

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..... [2]

2 From the study by Yamamoto et al. (chimpanzee helping):

(a) Describe the psychology being investigated in this study.

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..... [3]

(b) Outline **one** strength of this study in relation to validity.

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..... [2]

3 From the study by Milgram (obedience):

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

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..... [2]

(b) State **two** characteristics of the victim (learner) used in this study.

1

2 [2]

(c) When the participant (teacher) pressed a switch on the shock generator, there were several changes.

Describe **two** changes on the shock generator after the participant pressed a switch, other than a bright red light illuminating.

1

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2

..... [2]

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

(a) Describe the procedure of the study when the participants were having their brain scans.

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..... [5]

(b) Identify **one** methodological weakness of this study.

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..... [1]

5 In the study by Baron-Cohen et al. (eyes test):

(a) Group 3 included males and females.

Identify **two** other characteristics of Group 3.

1

2 [2]

(b) Each participant's attribution of mental state was tested by their selection of a word to describe the pair of eyes in a photograph.

Explain **one** reason why this test may **not** accurately measure attribution of mental state.

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..... [2]

6 The study by Schachter and Singer is based on the two-factor theory of emotion.

(a) Describe what is meant by the two-factor theory of emotion.

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..... [4]

(b) Outline how **one** result from this study supports the two-factor theory of emotion.

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..... [2]

- 7 Lizzie has learned about the study by Laney et al. (false memory). She believes that the study is unethical.

(a) Outline what is meant by the ethical guideline of 'informed consent'.

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..... [2]

(b) Outline why Lizzie is correct that the study is unethical, using evidence in your answer.

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..... [4]

- 8 (a) Outline the nature versus nurture debate in psychology, using an example other than the study by Bandura et al. (aggression).

..... [4]

- (b)** Explain what psychologists have learned about aggression using **two** results from the study by Bandura et al.

[8]

- 9 Evaluate the study by Piliavin et al. (subway Samaritans) in terms of **two** strengths and **two** weaknesses. At least one of your evaluation points **must** be about the use of qualitative data.

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