



Cambridge International AS & A Level

CANDIDATE
NAME

CENTRE
NUMBER

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CANDIDATE
NUMBER

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PSYCHOLOGY

9990/01

Paper 1 Approaches, Issues and Debates

For examination from 2020

SPECIMEN PAPER

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 **8** pages. Blank pages are indicated.

2

Answer **all** questions.

- 1 State **one** aim from the study by Dement and Kleitman (sleep and dreams).

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 [1]

- 2 Identify which **one** of the following statements is **not** true of Dement and Kleitman's observations of REM sleep.

Eye movements are more frequent in dreams about distant objects.

People may make movements, e.g. foot twitches, while dreaming.

The sleeper's eyes move in REM sleep.

There are usually several REM sleep periods per night.

[1]

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

- (a) Explain why the study was carried out.

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 [2]

- (b) Describe what the participants were told about the purpose of the study before it began.

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 [2]

(c) Explain why the participants were **not** told that the study was about false memories when they arrived at the laboratory.

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..... [3]

4 The study by Baron-Cohen et al. (eyes test) used adult participants, although similar studies have used children.

(a) Describe **one methodological** problem that could arise if child participants were used in this study.

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..... [2]

(b) Explain **one** useful application of the findings, if child participants were used in this study.

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..... [2]

5 (a) Describe the conclusions from the study by Bandura et al. (aggression).

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(b) Explain **two** ways in which the learning approach is different from the social approach. Use the study by Bandura et al. as an example of the learning approach.

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6 (a) Describe **one** aim from the study by Saavedra and Silverman (button phobia).

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..... [2]

(b) Explain how **two** results from the study by Saavedra and Silverman relate to the aim you have described in part (a).

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7 Studies in cognitive psychology could be used to help workers doing repetitive jobs who find it hard to concentrate.

Describe how the results of the study by Andrade (doodling) could be applied to help with this problem.

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8 According to Milgram, his study on obedience produced **two** surprising findings.

Describe **both** of these surprising findings.

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9 The study by Canli et al. used a brain scan.

Explain why brain scans are used in the biological approach to psychology. Use an example in your answer.

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

(a) Outline **two** aims of the study.

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(b) Discuss at least **two** strengths and **two** weaknesses of the study.

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