



Please write clearly in block capitals.

Centre number

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Candidate number

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Surname

Forename(s)

Candidate signature

AS PSYCHOLOGY (SPECIFICATION A)

Unit 2 Biological Psychology, Social Psychology and
Individual Differences

Monday 23 May 2016

Afternoon

Time allowed: 1 hour 30 minutes

Materials

You will need no other materials.

Instructions

- Use black ink or black ball-point pen.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through any work you do not want to be marked.

Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 72.
- Question 5 should be answered in continuous prose. You may use the space provided to plan your answer. In Question 5, you will be assessed on your ability to:
 - use good English
 - organise information clearly
 - use specialist vocabulary where appropriate.



J U N 1 6 P S Y A 2 0 1

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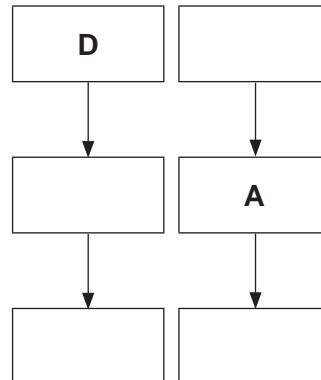
PSYA2

Section A Biological Psychology

Answer **all** questions in the spaces provided.

- 1 Complete the diagram below so that it shows stages of the pituitary-adrenal system and sympathomedullary pathway. For **each** stage write the appropriate letter in the correct box.

HYPOTHALAMUS



- A adrenaline and nor adrenaline released
- B cortisol/corticosteroids released
- C immune system activated
- D pituitary gland
- E adrenal medulla
- F decreased heart rate and blood pressure
- G adrenal cortex
- H increased heart rate and blood pressure
- I liver stores energy

[4 marks]

4



2 Questionnaires are often used in stress research to investigate a wide range of different behaviours.

2 (a) Outline **two** advantages of using questionnaires.

[2 marks + 2 marks]

Advantage 1 _____

Extra space _____

Advantage 2 _____

Extra space _____

2 (b) Outline **one** ethical issue that may arise when using questionnaires.

[2 marks]



3 Nick was complaining to Rina about his week. Nick said that he had lost the keys to his motorbike and had to catch the bus to work all week. Due to the traffic he had been late for work a few times, and because of the bad weather cricket practice had been cancelled. Rina said she also had a bad week because she was just about to move house as well as start a new job soon.

3 (a) Identify **two** examples of daily hassles from the conversation above.

[2 marks]

3 (b) Decide who you think is more likely to suffer the negative effects of stress, Nick or Rina. Use psychological research to justify your decision.

[4 marks]

Extra space _____

6



4 (b) Explain **one or more** limitations of stress inoculation therapy (SIT).

[4 marks]

Extra space



A large rectangular box containing 25 horizontal lines, spaced evenly for writing. The lines are contained within a larger rectangular frame.



Large writing area with horizontal lines for text entry.



6 Patrick has just started his first work placement. At work, he spends a lot of time watching to see what the other people are doing before he does anything. Name **one** explanation for Patrick's conforming behaviour and justify your choice.

[2 marks]

Extra space _____

2

7 Describe the role of minority influence in social change.

[4 marks]

Extra space _____

4

Turn over ►



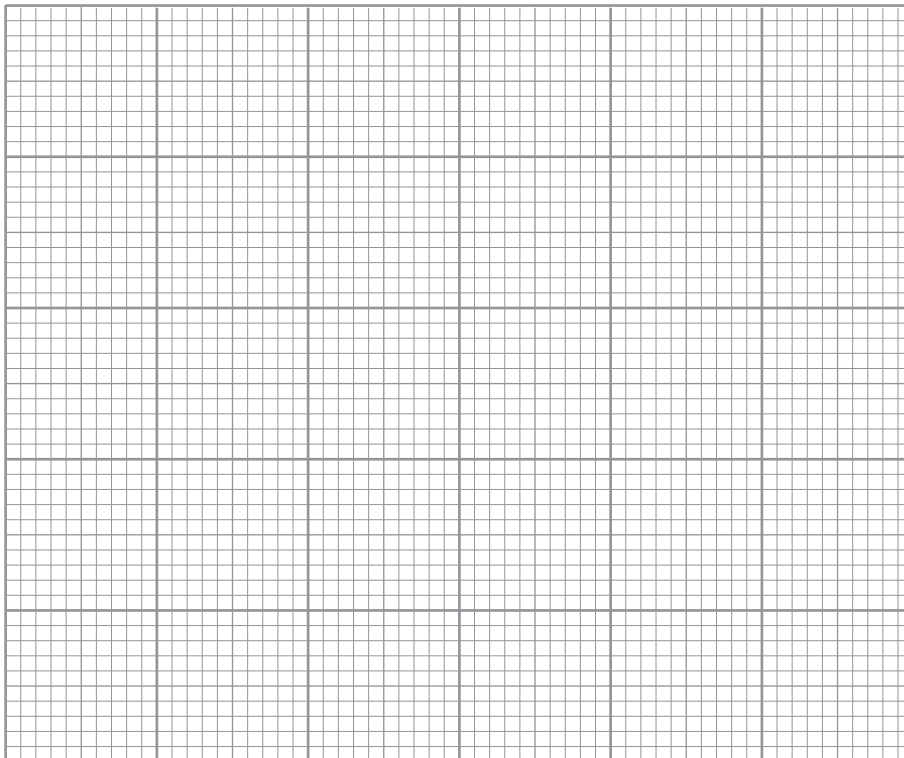
- 8** A researcher collected cross-cultural data on conformity. The results are shown in **Table 1**.

Table 1

Country	% Males who conformed	% Females who conformed
A	19	29
B	23	24
C	27	37

- 8 (a)** Sketch an appropriate bar chart to display the data presented in **Table 1**. Label your bar chart.

[4 marks]



8 (b) What do these results show about gender differences in conformity across cultures?

[2 marks]

6

Turn over for Section C

Turn over ►



Section C Individual Differences

Answer **all** questions in the spaces provided.

9 Outline **two** definitions of abnormality.

[6 marks]

Extra space _____

6



10 (a) Describe the biological approach to psychopathology.

[6 marks]

Extra space

Turn over ►



10 (b) Evaluate the biological approach to psychopathology.

[4 marks]

Extra space _____

10



11 Pavel has had a fear of snakes for as long as he can remember. He decides that he now needs to do something about it. A friend has advised that psychoanalysis might be the right therapy to help him overcome his fear of snakes.

11 (a) Explain what might be involved in psychoanalysis for Pavel's fear of snakes. **[4 marks]**

Extra space _____

Turn over ►



After listening to his friend, Pavel is not sure that he wants this particular therapy. He asks his doctor if she can recommend an alternative psychological treatment.

- 11 (b)** Identify an alternative **psychological** therapy that the doctor might have suggested. Explain why this might be an appropriate alternative.

[4 marks]

Extra space _____

8

END OF QUESTIONS



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