

Centre Number						Candidate Number				
Surname										
Other Names										
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For Examiner's Use	
Examiner's Initials	
Question	Mark
1	
2	
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11	
12	
13	
TOTAL	



General Certificate of Education
Advanced Subsidiary Examination
June 2013

Psychology (Specification A) PSYA2

Unit 2 Biological Psychology, Social Psychology and Individual Differences

Wednesday 5 June 2013 1.30 pm to 3.00 pm

You will need no other materials.

Time allowed

- 1 hour 30 minutes

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 4 should be answered in continuous prose. You may use the space provided to plan your answer. In Question 4, you will be assessed on your ability to:
 - use good English
 - organise information clearly
 - use specialist vocabulary where appropriate.



J U N 1 3 P S Y A 2 0 1

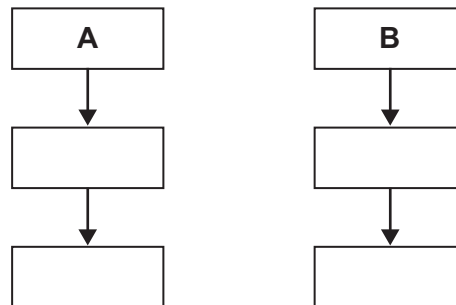
Section A Biological Psychology

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

Total for this question: 4 marks

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

HYPOTHALAMUS



- A** adrenal medulla
- B** adrenal cortex
- C** decreases heart rate and blood pressure
- D** liver stores energy
- E** cortisol/corticosteroids released
- F** adrenaline and noradrenaline released
- G** pituitary gland
- H** gets body ready for 'fight or flight'
- I** immune system suppressed

(4 marks)

4



Total for this question: 4 marks

2 Kerry is a talented badminton player who has just been promoted to the first division. However, she finds these top league games very stressful because she thinks that she is not as good as the other players and she believes that she is going to lose every point. Now her game is beginning to suffer.

Explain how stress inoculation therapy (SIT) could be used to help Kerry.

In your answer you must refer to details from the passage above.

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(4 marks)

Extra space

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4

Turn over for the next question

Turn over ▶



Total for this question: 4 marks

3 Type A personality can be measured by using a questionnaire. Explain **two** strengths of using questionnaires.

Strength One

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Extra space

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Strength Two

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Extra space

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(2 marks + 2 marks)

4



Total for this question: 12 marks

- 4** Outline and evaluate research into life changes **and/or** daily hassles as sources of stress.

You may use this space to plan your answer

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Turn over ►



Section B Social Psychology

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

Total for this question: 4 marks

- 5** A researcher investigated obedience. The table shows the percentages of people who obeyed a simple request from a confederate who was either smartly dressed or casually dressed.

Request	Smartly dressed confederate	Casually dressed confederate
Pick up some litter	80%	61%
Post a letter lying near a post box	61%	40%
Carry a heavy box up some stairs	30%	30%

What do these results suggest about obedience?

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(4 marks)

Extra space

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Total for this question: 6 marks

7 (a) Explain what is meant by internalisation.

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(3 marks)

Extra space

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7 (b) Explain what is meant by compliance.

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(3 marks)

Extra space

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6



Section C Individual Differences

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

Total for this question: 4 marks

9 (a) The following statements are all linked to different definitions of abnormality.

Select the **two** statements that describe the deviation from ideal mental health definition of abnormality.

Tick **two** boxes.

Behaviour that is different from the way most people in society act

Not achieving self-actualisation

Not following the standards set by society

Causing distress or discomfort to others

Behaviour that interferes with everyday life

Not being able to resist stress

(2 marks)

9 (b) Explain **one** limitation of the failure to function adequately definition of abnormality.

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(2 marks)

Extra space
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4

Turn over ►



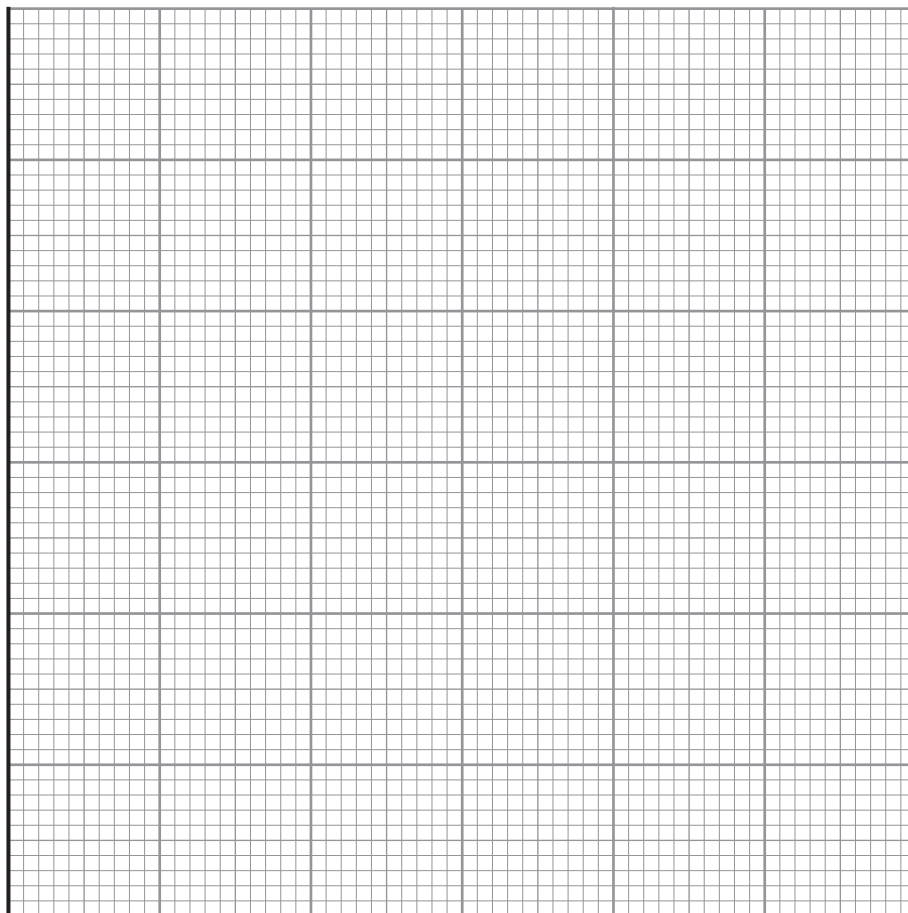
Total for this question: 4 marks

- 11** Two groups of patients took part in a trial to compare the effectiveness of two different drug therapies. One of the groups was given **Drug A** and the other group was given **Drug B**. All patients completed a rating scale at the start of a ten-week course of treatment and again at the end of the course. This scale measured the severity of symptoms.

The **Drug A** group had an average score of 9 before the therapy and an average score of 4 at the end of the course.

The **Drug B** group had an average score of 7 before the therapy and an average score of 5 at the end of the course.

Sketch and label a bar chart to illustrate the data.



(4 marks)

4



Total for this question: 4 marks

12 Outline **two** techniques used in psychoanalysis.

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(4 marks)

Extra space

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4

Turn over for the next question

Turn over ▶



Total for this question: 4 marks

13

Mia has a phobia of eating in public. She is about to go to university where she knows that she will have to eat her meals in a large dining hall surrounded by other students.

Describe how a therapist might use systematic de-sensitisation to help Mia overcome her phobia of eating in social situations.

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(4 marks)

Extra space

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4

END OF QUESTIONS



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