

Centre Number						Candidate Number				
Surname										
Other Names										
Candidate Signature										

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 2011

Psychology (Specification A) PSYA2

Unit 2 Biological Psychology, Social Psychology and Individual Differences

Tuesday 7 June 2011 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 6 should be answered in continuous prose. You may use the space provided to plan your answer. In Question 6, you will be assessed on your ability to:
 - use good English
 - organise information clearly
 - use specialist vocabulary where appropriate.



J U N 1 1 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** The body's response to stress includes the pituitary-adrenal system and the sympathomedullary pathway. The following are all features of this stress response.

- A** Adrenal medulla
- B** Noradrenaline
- C** Adrenal cortex
- D** Adrenaline
- E** Cortisol/Corticosteroids
- F** Adrenocorticotrophic hormone (ACTH)

Select **two** from the above list that are linked to the pituitary-adrenal system and **two** from the list that are linked to the sympathomedullary pathway.

Put **one** letter in each box.

Pituitary-adrenal system		
Sympathomedullary pathway		

(4 marks)

4



Total for this question: 4 marks

2 Psychologists sometimes use questionnaires to find out about stress. Explain **two** strengths of using questionnaires in research.

Strength one

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Strength two

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(2 marks + 2 marks)

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4

Turn over for the next question

Turn over ►



Total for this question: 5 marks

3 Describe **one or more** studies of workplace stress.

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(5 marks)

Extra space

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5



Total for this question: 6 marks

5 (a) Name **one** psychological method of stress management.

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(1 mark)

5 (b) Explain strengths of this psychological method of stress management.

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(5 marks)

Extra space

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6



Section B Social Psychology

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

Total for this question: 12 marks

6 “Not everyone conforms or obeys authority; some people resist these pressures and remain independent.”

Outline and evaluate research relating to independent behaviour.

You may use this space to plan your answer

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Turn over ►



Total for this question: 4 marks

7 (a) Explain why it is sometimes necessary to deceive participants in social influence research.

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(2 marks)

7 (b) Describe **one** way in which deception has been dealt with in social influence research.

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(2 marks)

4



Total for this question: 4 marks

8 Jan and Norah have just finished their first year at university where they lived in a house with six other students. All the other students were very health conscious and ate only organic food. Jan had listened to their point of view and now she also eats only organic food. Norah was happy to eat organic food while in the house, but when she went home for the holidays she ate whatever her mother cooked. Both girls conformed, but for different reasons.

Explain which type of conformity **each** girl was showing.

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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

9 Outline **two** explanations of why people obey.

Explanation One

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Explanation Two

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(2 marks + 2 marks)

4



Section C Individual Differences

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

Total for this question: 4 marks

10 Two different drug therapies were tested on a group of patients. All the patients suffered with the same anxiety disorder. Half the patients were given **Therapy A** and the other half were given **Therapy B**. Improvement was assessed on a scale from 0 – 25, where 0 = no improvement.

The table below shows the improvement made between the start and the end of the treatment.

Average and range of improvement scores

	Average	Range
Therapy A	6.5	2 – 19
Therapy B	6	4 – 9

Explain what these findings suggest about the different therapies?

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(4 marks)

Extra space

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4

Turn over ▶



Total for this question: 6 marks

11 Diane is a 30-year-old business woman and if she does not get her own way she sometimes has a temper tantrum. Recently, she attended her grandmother’s funeral and laughed during the prayers. When she talks to people she often stands very close to them, making them feel uncomfortable.

11 (a) Identify **one** definition of abnormality that could describe Diane’s behaviour. Explain your choice.

Definition

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Explanation of your choice

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(1 mark + 2 marks)

11 (b) Explain **one** limitation of this way of defining abnormal behaviour.

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(3 marks)

6



Total for this question: 6 marks

12 There are various types of psychological therapy for treating abnormality.

12 (a) Outline what is involved in psychoanalysis.

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(3 marks)

12 (b) Outline what is involved in systematic de-sensitisation.

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(3 marks)

6

Turn over for the next question

Turn over ►



