

Centre Number						Candidate Number				
Surname										
Other Names										
Candidate Signature										

For Examiner's Use	
Examiner's Initials	
Question	Mark
1	
2	
3	
4	
5	
6	
7	
8	
TOTAL	



General Certificate of Education  
Advanced Subsidiary Examination  
June 2012

# Psychology (Specification A) PSYA1

## Unit 1 Cognitive Psychology, Developmental Psychology and Research Methods

Wednesday 23 May 2012 9.00 am to 10.30 am

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 8 should be answered in continuous prose. You may use the space provided to plan your answer. In Question 8, you will be assessed on your ability to:
  - use good English
  - organise information clearly
  - use specialist vocabulary where appropriate.



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

G/T76565 6/6/6/

**PSYA1**

**Section A Cognitive Psychology and Research Methods**

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

**Total for this question: 4 marks**

**1** The multi-store model of memory proposes that there are separate short-term and long-term stores.

Explain **two** differences between short-term memory and long-term memory in this model.

**Difference 1** .....

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*Extra space* .....

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**Difference 2** .....

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*Extra space* .....

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*(2 marks + 2 marks)*

<b>4</b>



**Total for this question: 8 marks**

**2 (a)** Outline the main features of the working memory model.

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*(4 marks)*

*Extra space* .....

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**Question 2 continues on the next page**

**Turn over ►**



2 (b) Outline **one** strength and **one** limitation of the working memory model.

**Strength** .....

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*Extra space* .....

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**Limitation** .....

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*Extra space* .....

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(2 marks + 2 marks)

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8



**Total for this question: 20 marks**

**3** Dave, a middle-aged male researcher, approached an adult in a busy street. He asked the adult for directions to the train station. He repeated this with 29 other adults.

Each of the 30 adults was then approached by a second researcher, called Sam, who showed each of them 10 photographs of different middle-aged men, including a photograph of Dave. Sam asked the 30 adults to choose the photograph of the person who had asked them for directions to the train station.

Sam estimated the age of each of the 30 adults and recorded whether each one had correctly chosen the photograph of Dave.

**3 (a)** Identify **one** aim of this experiment.

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*(2 marks)*

**3 (b)** Suggest **one** reason why the researchers decided to use a field experiment rather than a laboratory experiment.

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*(2 marks)*

**Question 3 continues on the next page**

**Turn over ►**



**3 (c)** Name the sampling technique used in this experiment. Evaluate the choice of this sampling technique in this experiment.

**Sampling technique** .....

**Evaluation** .....

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(1 mark + 3 marks)

*Extra space* .....

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**3 (d)** Identify **one** possible extraneous variable in this experiment. Explain how this extraneous variable could have affected the results of this experiment.

**Extraneous variable** .....

**How this extraneous variable could have affected the results of this experiment**

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(1 mark + 3 marks)



*Extra space* .....

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**3 (e)** Describe what research has shown about age of witness and eyewitness testimony.

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(4 marks)

*Extra space* .....

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**Question 3 continues on the next page**

**Turn over ►**



3 (f) Outline **one** study that has investigated the effect of anxiety on eyewitness testimony.

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(4 marks)

Extra space .....

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20





**Total for this question: 4 marks**

**4** Psychology students sometimes revise for an exam by reading their notes over and over again. However, psychologists suggest that other memory improvement strategies may be more effective.

Explain how a student could use their knowledge of strategies for memory improvement (other than repetition) to help revise for a psychology exam.

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(4 marks)

*Extra space* .....

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<b>4</b>

**Turn over for the next section**

**Turn over ►**



**Section B Developmental Psychology and Research Methods**

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

**Total for this question: 6 marks**

**5** Outline Bowlby's theory of attachment.

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(6 marks)

Extra space .....

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**Total for this question: 6 marks**

**6** A researcher used the Strange Situation to investigate the attachment types of two infants. Megan was classified as insecure-avoidant. Rosie was classified as insecure-resistant.

**6 (a)** Explain how Megan’s behaviour would differ from Rosie’s behaviour in the Strange Situation.

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(4 marks)

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**6 (b)** Give **one** limitation of the use of the Strange Situation in attachment research.

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(2 marks)

6

**Turn over for the next question**

**Turn over ►**



**Total for this question: 12 marks**

**7** A psychologist carried out a research study to investigate the effects of institutional care. To do this, she constructed a questionnaire to use with 100 adults who had spent some time in an institution when they were children.

She also carried out interviews with ten of the adults.

**7 (a)** For this study, explain **one** advantage of collecting information using a questionnaire.

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*(3 marks)*

**7 (b)** In this study, the psychologist collected some qualitative data.

Explain what is meant by qualitative data.

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*(2 marks)*

**7 (c)** Write **one** suitable question that could be used in the interviews to produce qualitative data.

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*(2 marks)*



**7 (d)** Identify **two** ethical issues that the psychologist would need to consider in this research. Explain how the psychologist could deal with **one** of these issues.

**Ethical Issue 1** .....

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**Ethical Issue 2** .....

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**How the psychologist could deal with one of these issues** .....

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*(1 mark + 1 mark + 3 marks)*

<b>12</b>

**Turn over for the next question**

**Turn over ►**



**Total for this question: 12 marks**

**8** Outline and evaluate research into the effects of day care on children's social development (eg aggression, peer relations). (12 marks)

*You may use this space to plan your answer*

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