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General Certificate of Education Advanced Subsidiary Examination June 2015

# Psychology (Specification A)

PSYA1

Unit 1 Cognitive Psychology, Developmental Psychology and Research Methods

Monday 11 May 2015 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 10 should be answered in continuous prose. You may use the space provided to plan your answer. In Question 10, you will be assessed on your ability to:
  - use good English
  - organise information clearly
  - use specialist vocabulary where appropriate.

For Examiner's Use					
Examiner's Initials					
Question	Mark				
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
TOTAL					

### Section A Cognitive Psychology and Research Methods

Answer all questions in the spaces provided.

1 An experiment tested the idea that music affects memory. Participants were asked to learn 20 words (list A) while they listened to music. They then recalled the words. They were also asked to learn 20 words (list B) in silence and to recall these words.

Select from the list below the phrase that describes the independent variable and the phrase that describes the dependent variable in this study.

- A The number of words correctly recalled
- B The number of words in list A and list B
- C The number of participants
- D Presence or absence of music
- E Type of music used

Write the appropriate letter, A, B, C, D or E in each box to complete the table below.

Type of variable	Letter
Independent variable	
Dependent variable	

[2 marks]

2

Describe the multi-store model of memory.  [6 marks]	]



2 (a)

Do not write outside the box

	Extra space
2 (b)	Explain <b>two</b> limitations of the multi-store model of memory.  [4 marks]
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2 (b)	[4 marks]



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Marsha was walking to work when she saw a knife attainjured. Marsha was the only witness to the knife attac	ack. The victim was badly ck.
Explain how a police officer could use <b>one or more</b> cofind out what Marsha could recall about the attack.	ognitive interview techniques t
	[+ ma
Extra space	



4	Outline <b>one</b> research study of the effect of anxiety on eye-witness testimony. In your answer you should include details of what participants were asked to do and the results of the study.
	[6 marks]
	Extra space



5	Explain <b>one</b> possible limitation of research into the effect of anxiety on eye-witness testimony.			
	[2 mark	(s]		
	Extra space			
		••••		
	Psychologists have used case studies to investigate processes such as memory.  Outline strengths <b>and/or</b> limitations of using case studies in psychological research.			
	[4 mark	(s]		
		••••		
		••••		
	Extra space			
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7	Your teacher asks you to carry out an experiment to investigate the effectiveness of a memory improvement strategy for learning a list of 10 words.
7 (a)	Outline an appropriate memory improvement strategy for use in this experiment.  [2 marks]
	Extra space
7 (b)	Write an appropriate operationalised directional hypothesis for this experiment.
	[2 marks]
	Extra space
	Question 7 continues on the next page



7 (c)	Explain why it would be appropriate to do a pilot study before carrying out this experiment.				
	[4 marks]				
	Extra space				



8

## Section B Developmental Psychology and Research Methods

Answer all questions in the spaces provided.

8 (a)	What is meant by the term 'secure attachment'?	[2 marks]
	Extra space	
0 /h)	Evoloin and atropath of using the 'Stronge Situation' in attachment recovers	
8 (b)	Explain <b>one</b> strength of using the 'Strange Situation' in attachment research.	[2 marks]
	Extra space	



8 (c)	Describe how behaviour in the 'Strange Situation' would be different for a child who shows insecure-resistant attachment and a child who shows insecure-avoidant attachment.			
	[4 marks]			
	Extra space			
٥ (ط/	Describe findings from receased into cultural variations in attachment			
8 (d)	Describe findings from research into cultural variations in attachment.  [4 marks]			



	Extra space
9	A psychologist carried out research into the attachment types of children aged between 12 months and 18 months old who attended a large day nursery. The parents of these children had given permission for their child to take part in research. The psychologist used the 'Strange Situation'.
9 (a)	Explain how the psychologist could obtain a random sample of 10 children from the nursery to take part in her research.
	[2 marks]
	Extra space





9 (b)	The psychologist chose to use a random sample rather than a volunteer sample in this study. Give <b>one</b> advantage of using a random sample rather than a volunteer sample.  [2 marks]
	Extra space
9 (c)	The 'Strange Situation' is used to investigate attachment between an infant and a parent.
	How might a parent show demand characteristics in the 'Strange Situation'?  [2 marks]
	Extra space



9 (d)	The British Psychological Society provides ethical guidance on planning, carrying out and reporting research. Explain some of the ethical issues that the psychologist would need to consider in research using the 'Strange Situation'.				
	[6 marks]				
	Extra space				

12





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	You may use this space to plan your answer
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END OF QUESTIONS



12

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20 Do not write outside the box



