

Cambridge International Examinations

Cambridge International Advanced Subsidiary and Advanced Level

CANDIDATE NAME				
CENTRE NUMBER		CANDIDATE NUMBER		

PSYCHOLOGY 9990/13

Paper 1 Approaches, Issues and Debates

May/June 2018

1 hour 30 minutes

Candidates answer on the Question Paper.

No Additional Materials are required.

READ THESE INSTRUCTIONS FIRST

Write your Centre number, candidate number and name in the spaces at the top of this page.

Write in dark blue or black pen.

You may use an HB pencil for any diagrams and graphs.

Do not use staples, paper clips, glue or correction fluid.

DO NOT WRITE IN ANY BARCODES.

Answer all questions.

At the end of the examination, fasten all your work securely together.

The number of marks is given in brackets [] at the end of each question or part question.



Answer all questions.

1	Froi	m the study by Pepperberg (parrot learning):	
	(a)	State the aim of this study.	
			[ו]
	(b)	Three categories were used when training Alex the parrot. The first was colour and the second was shape.	nd
		What was the third category?	
			[1]
	(c)	Outline one result about the performance of Alex the parrot from the 'probes' questions.	
2	The	study by Laney et al. (false memory) used a sample of adults in Experiment 1.	
_		Identify two other features of this sample.	
		1	
		2	
			 [2]
	(b)	Outline one methodological problem that could arise if children were used as participants this study.	in
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The (fun	ctional magnetic resonance imaging) scanner.
(a)	Describe the presentation of the images in the scanner.
(b)	Identify one control used within the scanner, other than the way the images were preser
	ne study by Yamamoto et al. (chimpanzee helping), the first test was called the 'First "Can
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Con Des	ne study by Yamamoto et al. (chimpanzee helping), the first test was called the 'First "Can indition'.
Con Des	ne study by Yamamoto et al. (chimpanzee helping), the first test was called the 'First "Can adition'. Scribe the results of the performance from Cleo and Pan in this condition.
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The	e study by Baron-Cohen et al. (eyes test) is based on the concept of 'Theory of Mind'.	
(a)	Describe what is meant by 'Theory of Mind'.	
		[4]
(b)	Outline how one result from this study supports the concept of 'Theory of Mind'.	
		[2

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6	(a)	At the start of the procedure of the study by Milgram (obedience), the participant and the stooge were apparently randomly allocated to the roles of teacher or learner. Later the paired-associate learning task began.
		Describe the procedure between these two events.
		[5]
	(b)	Explain one reason why the procedure was standardised in the study by Milgram.
		[3]

7	(a)	Outline one assumption of the learning approach, including any example in your answer.
		[2]
	(b)	Studies from the learning approach can help with real-world applications.
		Describe how the results of the study by Saavedra and Silverman (button phobia) can help with understanding and/or treating phobias.
		[4]
	(c)	Outline one other real-world application based on the results or conclusions from the study by Saavedra and Silverman.
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8 (a)	Describe the materials that were used in both the 'doodling' condition and the 'control' condition in the study by Andrade.
	[4]
(b)	Explain one similarity and one difference between the study by Andrade and one other core
(D)	study from the cognitive approach.

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