

Cambridge International Examinations

Cambridge International Advanced Subsidiary and Advanced Level

CENTRE NUMBER		CANDIDATE NUMBER	
PSYCHOLOG	Υ		9990/12
Paper 1 Appro	aches, Issues and Debates	Feb	ruary/March 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.

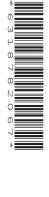
Do not use staples, paper clips, glue or correction fluid.

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	Fro	from the study by Dement and Kleitman (sleep and dreams):							
	(a)	Name the technique used to measure brain activity.							
	(b)	Identify one reason for using this technique to measure brain activity.	[1]						
	(c)	Outline one of the dreams reported when vertical eye movement was recorded.							
			[2]						
2	The	e study by Bandura et al. (aggression) used a sample of children.							
	(a)	Identify two features of this sample.							
		1							
		2							
			[2]						
	(b)	Outline one way in which this study has real world application for <i>adults</i> .							
			[2]						

(a)	
()	Describe one result of the test on Alex the parrot which used familiar objects. You should include numerical data in your answer.
	[2]
(b)	Describe one conclusion from this study.
	[2]
Two	ethical guidelines are debriefing and informed consent.
	gest how ethical issues raised in the Piliavin et al. study (subway Samaritans) relate to these ethical guidelines.
two	
two	ethical guidelines.
two deb	ethical guidelines. riefing

5

The	study by Laney et al. is about false memories.
(a)	Describe what is meant by 'false memories'.
	[4]
(b)	Outline how one result from this study supports the existence of false memories.
	[2]
	[-]

6

Fro	m the Canli et al. study (brain scans and emotions):
(a)	Describe the procedure of this study from the point when the participants returned three weeks after the fMRI (functional Magnetic Resonance Imagery) scans had taken place.
	ſĘ
(b)	Explain one reason why the procedure was standardised in this study.
	IO
	[3

(a)	Describe one assumption of the social approach.
	[2]
(b)	Studies in social psychology can be used to help train military personnel.
	Describe how the procedure of the study by Milgram (obedience) could be applied to help with this training.
	[4]
(c)	Outline one other real-world application based on the findings from the Milgram study.
	IOI

In the Schachter and Singer study (two factors in emotion), after each participant completed their session with the stooge they completed a questionnaire about their mood and their physical

8

con	ditior	n	
(a)	(i)	State one of the closed questions that was used to measure mood, including the answ choices.	
	(ii)	State one of the closed questions used to measure physical condition, including the state of the closed questions used to measure physical condition, including the state of the closed questions used to measure physical condition, including the state of the closed questions used to measure physical condition, including the state of the closed questions used to measure physical condition, including the state of the closed questions used to measure physical condition, including the state of the closed questions used to measure physical condition, including the state of the closed questions used to measure physical condition, including the state of the closed questions used to measure physical condition, including the state of the closed questions used to measure physical condition, including the state of the closed questions used to measure physical conditions.	
	(7	answer choices.	
			[0]

(b)	Explain one similarity and one difference between the Schachter and Singer study and one other core study from the biological approach.
	[8]

 	•••••	•••••	 	 	 	 	

BLANK PAGE

BLANK PAGE

BLANK PAGE

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (UCLES) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced online in the Cambridge International Examinations Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download at www.cie.org.uk after the live examination series.

Cambridge International Examinations is part of the Cambridge Assessment Group. Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.