

# ADVANCED SUBSIDIARY GCE UNIT PSYCHOLOGY

2540

Core Studies 1 TUESDAY 22 MAY 2007

Afternoon

Time: 1 hour

Each candidate must be given:

1. one copy of this question paper;

2. one 8-page answer book.

Additional materials: 4-page answer books may be issued to candidates who require continuation paper.

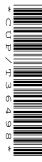


#### **INSTRUCTIONS TO CANDIDATES**

- Write your name, Centre number and candidate number in the spaces provided on the answer book.
- You must answer all 20 questions on this paper.
- Read each question carefully and make sure you know what you have to do before starting your answer.

### **INFORMATION FOR CANDIDATES**

- The total number of marks for this paper is 60.
- The number of marks is given in brackets [ ] at the end of each question or part question.
- You will be awarded marks for the quality of written communication where an answer requires a piece of extended writing.



This document consists of 4 printed pages.

# Answer all questions.

# **Cognitive Psychology**

1	From the study by Loftus and Palmer on eyewitness testimony:					
	(a) Identify two of the verbs used to describe the car accident seen in the films.	[2]				
	(b) Outline one explanation for the different speed estimates given by the participants.	[2]				
2	In his review on the perception of pictures Deregowski suggests that pictures do not offer universal language for people of different cultures. Describe <b>one</b> finding from the review who would support this claim.					
3	In the study by Gardner and Gardner, Washoe used several combinations of words. Identify of these combinations.	<b>two</b> [2]				
4	Baron-Cohen, Leslie and Frith used three control questions in their study on autism. Outline reasons why these control questions were used.	<b>two</b> [4]				
Dev	velopmental Psychology					
5	Suggest <b>one</b> ethical issue raised in the study by Freud on little Hans.	[2]				
6	From the study by Samuel and Bryant identify <b>two</b> factors that were found to affect the children ability to conserve.	en's [2]				
7	From the study by Hodges and Tizard on social relationships:					
	(a) Identify <b>two</b> characteristics that were used to match the comparison groups with the institutional adolescents.	ex- [2]				
	(b) Outline one limitation of establishing a comparison group at the age of 16 in this study.	[2]				
8	Outline <b>two</b> controls used by Bandura, Ross and Ross in their study on the imitation aggression.	of [4]				
Phy	ysiological Psychology					
9	Briefly describe <b>one</b> of the tests carried out on the split-brain patients in the study by Sperry.	[2]				
10	From the study by Schachter and Singer on emotion:					
	(a) Describe the findings for <b>one</b> group of participants.	[2]				

(b) Explain how one finding from the study supports the two-factor theory of emotion.

[2]

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- 11 Explain **one** way in which the study by Raine, Buchsbaum and LaCasse on brain abnormalities in murderers is reductionist. [2]
- 12 From the study by Dement and Kleitman on sleep and dreaming outline **two** conclusions that can be drawn from the table of results below. [4]

## Instances of dream recall after awakenings.

Participant	Awakenings in REM		Awakenings in N-REM	
Number	Dream Recall	No Recall	Dream Recall	No Recall
1	17	9	3	21
2	26	8	2	29
3	36	4	3	31
4	37	5	1	34
5	24	6	2	23
6	4	1	0	5
7	2	2	0	2
8	2	1	0	1
9	4	3	0	3
otals	152	39	11	149

## **Social Psychology**

- 13 From the prison study by Haney, Banks and Zimbardo explain what is meant by the 'dispositional hypothesis'.
- 14 Outline **one** weakness of the sample in the subway Samaritan study by Piliavin, Rodin and Piliavin. [2]
- **15** From the study by Tajfel on intergroup discrimination:
  - (a) Describe **one** way intergroup discrimination was demonstrated in this study. [2]
  - **(b)** Suggest **one** way in which the intergroup discrimination found in this study could be explained.

[2]

**16** From Milgram's study on obedience:

(a) Identify **two** findings from the study. [2]

(b) Suggest how the findings from this study could be used to explain **one** example of obedience outside the laboratory. [2]

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#### **Individual Differences**

- 17 In the study by Hraba and Grant the black children showed greater preference for the black doll than those in the earlier study by Clark and Clark. Suggest **one** explanation for this finding. [2]
- 18 From the study by Rosenhan (on being sane in insane places), explain **one** disadvantage of conducting a field experiment. [2]
- 19 The review by Gould outlines Yerkes' use of IQ tests to measure intelligence:
  - (a) Outline **one** strength of using quantitative data to measure intelligence. [2]
  - **(b)** Outline **one** weakness of using quantitative data to measure intelligence. [2]
- Outline **two** differences found between the personalities of Eve White and Eve Black in the study by Thigpen and Cleckley on multiple personality disorder. [4]

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