

**ADVANCED SUBSIDIARY GCE
PSYCHOLOGY**

2540

Core Studies 1

THURSDAY 10 JANUARY 2008

Morning
Time: 1 hour

Each candidate must be given:

1. One copy of this question paper;
2. One 8-page answer booklet

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



INSTRUCTIONS TO CANDIDATES

- Write your name in capital letters, your Centre Number and Candidate Number in the spaces provided on the Answer Booklet.
- Read each question carefully and make sure you know what you have to do before starting your answer.
- Answer **all** the questions.

INFORMATION FOR CANDIDATES

- The number of marks for each question is given in brackets [] at the end of each question or part question.
- The total number of marks for this paper is **60**.
- 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, outline **one** limitation of the laboratory method used to investigate memory. [2]
- 2 In the study by Baron-Cohen, Leslie and Frith, autistic children were studied.
 - (a) Identify the other **two** groups of children who were studied. [2]
 - (b) Explain why it was necessary to have these other groups. [2]
- 3 Outline **one** ethical implication of teaching Washoe to use sign language in the study by Gardner and Gardner. [2]
- 4 Deregowski describes various experiments on pictorial perception carried out in Africa. Outline the procedure for **two** of these experiments. [4]

Developmental Psychology

- 5 From the study by Bandura, Ross and Ross on imitation of aggression:
 - (a) Identify **two** of the independent variables in this study. [2]
 - (b) Outline **one** weakness of conducting this study on children. [2]
- 6 From the study by Hodges and Tizard, identify **two** differences in the quality of relationships experienced by the ex-institutional adolescents and the control group. [2]
- 7 Outline **one** way in which the study by Freud on little Hans may have been biased. [2]
- 8 The table below shows some of the results from the study by Samuel and Bryant on conservation. Outline **two** conclusions that could be drawn from this table. [4]

Mean errors made in each condition across materials

Age	Standard	One judgement	Fixed array
5yr	9	7	7
6yr	6	4	6
7yr	3	3	5
8yr	2	1	6

Physiological Psychology

- 9 Identify **two** measurements that were taken in the study on sleep and dreaming by Dement and Kleitman. [2]
- 10 From the study by Sperry on split brain patients:
- (a) Identify **two** ways in which information could be sent to the left hemisphere. [2]
- (b) Outline **one** difficulty Sperry may have experienced in attempting to present information to one hemisphere in the split brain patients. [2]
- 11 From the study on murderers' brains by Raine, Buschbaum and LaCasse, outline how the PET scans worked. [2]
- 12 Outline **two** ways in which the study by Schachter and Singer on emotions lacked ecological validity. [4]

Social Psychology

- 13 From the study on obedience by Milgram, suggest **one** reason why the participants were given a sample shock. [2]
- 14 From the subway study by Piliavin, Rodin and Piliavin:
- (a) Outline **one** finding about the helping behaviour of the bystanders. [2]
- (b) Outline **one** difficulty that may have been experienced conducting this field experiment. [2]
- 15 Suggest **one** way in which the study conducted by Tajfel could be considered reductionist. [2]
- 16 Outline **two** pieces of evidence that suggest that the guards enjoyed their role in the prison simulation by Haney, Banks and Zimbardo. [4]

Individual Differences

- 17 From the study by Gould, explain why the military recruits were given IQ tests. [2]
- 18 From the study by Hraba and Grant on racial preference:
- (a) Identify **two** features of their sample. [2]
 - (b) Outline **one** reason why it could be difficult to generalise from this sample. [2]
- 19 From the study by Rosenhan (sane in insane places):
- (a) Describe **one** type of data that was gathered. [2]
 - (b) Outline **one** advantage of this type of data. [2]
- 20 Identify **two** methods used to collect data in the study by Thigpen and Cleckley on multiple personality disorder. [2]

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 (OCR) 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.

OCR 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.