

**ADVANCED SUBSIDIARY GCE
PSYCHOLOGY**

Core Studies 1

FRIDAY 16 MAY 2008

2540

Afternoon
Time: 1 hour

Additional materials (enclosed): Answer Booklet (8 page)

Additional materials (required):
None



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 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 Gardner and Gardner:
- (a) Suggest **one** way in which Washoe was treated like a human infant. [2]
- (b) Outline **one** weakness of using the case study method to investigate whether chimpanzees can use human language. [2]
- 2 The table below shows the results from the first experiment by Loftus and Palmer. Outline **one** conclusion that can be drawn from this table. [2]

Speed estimates for the verbs used in Experiment 1

Verb	Mean mph estimate
Smashed	40.8
Collided	39.3
Bumped	38.1
Hit	34.0
Contacted	31.8

- 3 From the review by Deregowski suggest **one** ethical implication of conducting cross cultural research. [2]
- 4 From the study by Baron-Cohen, Leslie and Frith
- (a) Explain how the Sally Anne Test measures whether a child has a theory of mind. [2]
- (b) Suggest **one** problem with the validity of this measure. [2]

Developmental Psychology

- 5 From the study by Samuel and Bryant on conservation:
- (a) Identify **two** features of the sample. [2]
- (b) Outline **one** limitation of using different children in each age group studied. [2]
- 6 Describe how the children were matched on levels of aggression in the study by Bandura, Ross and Ross. [2]
- 7 From the study by Hodges and Tizard on relationships suggest **one** way in which the findings could be used in bringing up children. [2]

- 8 From the study by Freud on phobias:
- (a) Outline **one** piece of evidence which suggests that Hans's fear of horses was symbolic of a fear of his father. [2]
- (b) Suggest **one** way in which the study by Freud lacked validity. [2]

Physiological Psychology

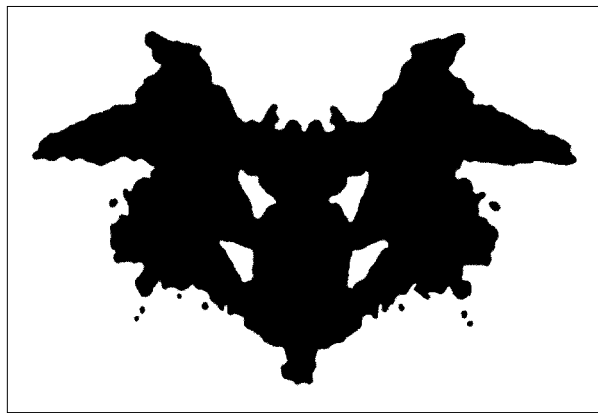
- 9 From the study by Schachter and Singer outline the 'Two factor' theory of emotion. [2]
- 10 Dement and Kleitman conducted a study on sleep and dreaming:
- (a) Outline **one** finding about dreaming from the study. [2]
- (b) Outline **one** limitation of the findings from this study. [2]
- 11 Describe **one** reason why it would be difficult to generalise from the findings of the study by Sperry on split brain patients. [2]
- 12 From the study by Raine, Buschbaum and LaCasse on murderers' brains:
- (a) Identify **two** areas of the brain where differences were found between murderers and the control group. [2]
- (b) Suggest **one** possible use for scanning the brains of murderers. [2]

Social Psychology

- 13 Outline how the participants were selected for the study on obedience by Milgram. [2]
- 14 From the prison study by Haney, Banks and Zimbardo:
- (a) Identify **two** features of the physical environment which were similar to a real prison. [2]
- (b) Outline **one** way in which the study had low ecological validity. [2]
- 15 Describe **one** weakness of the qualitative data collected in the study by Piliavin, Rodin and Piliavin. [2]
- 16 From the experiments by Tajfel identify **four** possible choices the participants could make when allocating points from the matrices. [4]

Individual Differences

- 17 Gould describes the mass IQ testing of military recruits by Yerkes. Suggest **one** reason why it may be unethical to carry out such testing in today's society. [2]
- 18 Identify **two** of the questions asked by Hraba and Grant in their study on racial preference. [2]
- 19 From the study by Rosenhan outline **two** strengths of conducting this field experiment. [4]
- 20 From the study by Thigpen and Cleckley on multiple personality disorder:
- (a) Identify the type of test illustrated below. [2]



Rorschach

- (b) Explain how this test was used in this study. [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.