UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS GCE Advanced Subsidiary Level and GCE Advanced Level

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9698 PSYCHOLOGY

9698/01

Paper 1 (Core Studies 1), maximum raw mark 100

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began.

All Examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

Mark schemes must be read in conjunction with the question papers and the report on the examination.

CIE will not enter into discussions or correspondence in connection with these mark schemes.

CIE is publishing the mark schemes for the May/June 2008 question papers for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.



1 mark partial definition, 2 marks expansion e.g. includes word 'comparison' or is related to study or an example.

(b) Describe the findings of *one* study included in the Deregowski review.

Any study (anecdotal or empirical) included in the Deregowski review. Includes reports by: Robert Laws; Mrs Fraser, 'other reports'; Hudson's studies on antelope/elephant/man, 'two-pronged trident', cube construction; preference for split-style.

1 mark partial description of study, 2 marks expansion. 0 mark for 'have no depth perception' as perception of pictures is key.

3 The study by Baron-Cohen, Leslie and Frith on autism involved children. (a) Suggest *one* ethical issue that applies to the children in this study.

Note: question does not state guidelines that were broken. The question applies to all ethical issues, including those that were maintained. Most likely:

- Informed consent as children under 16 cannot give informed consent.
- They probably did not understand they had the right to withdraw.
- They were not deceived, or harmed. Confidentiality was maintained.
- Probably not debriefed as would not understand reason for study.

1 mark partial, 2 marks expansion.

(2)

(2)

(2)

[4]



1 mark partial e.g. 'as a control' 2 marks explanation.

(2) [4]

6 In the study by Bandura, Ross and Ross on aggression the behaviour of the children was observed.

(a) Describe one of the categories of behaviour that was observed.

Any from: imitative physical; imitative verbal; imitative non-aggressive verbal; mallet aggression; sits on bobo; punches bobo; non-imitative aggression; aggressive gun play.

1 mark for 1 word or 1 mark for partial answer. 2 marks for full category.

1 mark partial e.g. 'Physical aggression' even if example given.

2 marks full e.g. imitative physical aggression or aggressive gun play. (1+1)

(b) Suggest one way in which the reliability of any observation can be checked. Reliability checked by inter-rater reliability – two observers were used. In this study Correlation .89 between ratings. (coefficient not needed or reference to this study for 2 marks)

1 mark partial e.g. 'by inter-rater reliability'; 2 marks expansion, such as explanation of inter-rater reliability.

(2) [4]

		Syllabus
Page 4	Mark Scheme	Syllabus Ser
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From the stud	<i>y</i> by Hodges and Tizard (social relationships)	both qualitative and
quantitative da (a) Describe l Question a	y by Hodges and Tizard (social relationships) ta was gathered. ow qualitative data was gathered in this study sks about gathering data i.e. what and from whor qualitative data was gathered via:	y.

- Interview with adolescent subject;
- Interview with mother (sometimes father);
- Questionnaires to various MAY have given qualitative data, but this needs to be explicit.

Standardised test (Rutter A or Rutter B) would not give qualitative data

1 mark partial such as one feature e.g. 'via interviews'.

2 marks expansion (two features) e.g. interview with adolescent'.

Interview with participant insufficient for 2 marks.

(b) Suggest one weakness of qualitative data.

Most likely:

- quantitative give no numbers and statistics cannot compare data;
- is subjective participant may lie, so less scientific;
- more open to interpretation or bias from experimenter.

1 mark partial e.g. 'it is bias' 2 marks expansion.

8 The case study of little Hans by Freud includes details of the 'giraffe episode'. (a) Briefly describe the 'giraffe episode'.

Quote direct from article:

"Hans was now able to communicate his wishes in regard to his mother. He did so, in what was still a distorted form, by means of the fantasy of the two giraffes. *Hans:* In the night there was a big giraffe in the room and a crumpled one, and the big one called out because I took the crumpled one away from it. Then it stopped calling out, and then I sat down on top of the crumpled one.

I (puzzled): What? A crumpled giraffe? How was that?

Hans: Yes. (He quickly fetched a piece of paper, crumpled it up and said) It was crumpled like that.

I: And you sat down on top of the crumpled giraffe? How? (*He again showed me by sitting down on the ground*)

I: Did you dream about the giraffe?

Hans: No, I didn't dream. I thought it. I thought it all. I'd woken up earlier.

I: What can it mean: a crumpled giraffe?"

1 mark partial i.e. gist of the episode, 2 marks expansion i.e. clear understanding. (2)

(b) Explain why this is evidence for the Oedipus complex.

The answer is – The boy's father and mother were the two giraffes. Hans sexually desires his mother and the sitting on the crumpled giraffe is said to represent Hans having sex with his mother.

1 mark partial explanation, 2 marks for answer with expansion.

(2) [4]

(2)

(2)

[4]







Partial/full answer

0 marks	no answer or incorrect answer
1 mark	partially correct answer or correct but incomplete lacking sufficient detail or explanation
	to demonstrate clear understanding
2 marks	correct answer with sufficient detail/explanation to demonstrate clear understanding

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Section B

- Cambridge.com 16 Psychological research is often carried out in laboratories. Some people would argue that this is the best place to conduct research but others would suggest it has a number of limitations.
 - (a) Briefly describe the procedure of your chosen study.

Dement and Kleitman (sleep and dreaming) Milgram (obedience)

Tajfel (intergroup discrimination)

Most likely answers: (any appropriate answer receives credit): Dement: P's arrive at lab, attached to EEG & go to sleep. Woken and asked to record

dream.

Milgram: P's arrive, are deceived in many ways. Teacher & learner fake shocks 7 prods.

Tajfel: dots on screen or Klee/Kandinsky. Allocate points to in & out groups. No answer or incorrect answer.

Anecdotal evidence, general statements, minimal detail, minimal focus. (1-3)

Attempt to outline some of main aspects of procedure though with omission of detail or (4–6) lack of clarity (comment with some comprehension).

Main aspects of procedure identified and described in good detail. Outline is clear, focused and well expressed. Good selection of aspects of procedure. (7 - 10)

[max 10]

(0)

(b) Describe how being in a laboratory helped the experimenter to control variables in your chosen study

Most likely answers: (any appropriate answer receives credit):

Dement: lab so room and bed always same; same doorbell; couldn't control alcohol caffeine.

Milgram: lab so room, personnel & equipment (generator) always same. Instructions and prods same as was Mr Wallace's screams.

Tajfel: presentation of dots or Klee/Kandinsky same. Instructions & experimenters & matrices.

No answer or incorrect answer.

Anecdotal description of controls, brief detail, minimal focus.

Appropriate controls identified, description shows some understanding. Some detail and expansion of control. (4-6)

Description is clear, has good understanding, is Appropriate controls identified. (7–10) focused and well expressed. Good detail each control explained fully.

[max 10]

(0)

(1 - 3)

lage 9 Mark Scheme Syllabus Image: Syllabus 9698 Image: White the advantages and disadvantages of using a laboratory to consenstudy? Most likely answers: (any appropriate answer receives credit): Adv – allows control over extraneous variables – distractions, etc. Gives credibility to study. Adv – P's in lab volunteer – more likely to behave 'appropriately' Disadv – In lab so demand characteristics more likely. Disadv – controlling too many variables is reductionist and not realistic. No answer or incorrect answer. Anecdotal description, brief detail, minimal focus. Very limited range. Description is good with reasonable understanding, some focus. OR advantages or disadvantages which are focused on question. Max mark of 5 if only advantages or disadvantages. Several advantages and disadvantages which are focused on question. Description is good with reasonable understanding. Some detail and expansion of key features. Balance of advantages and disadvantages which are focused on question. Description is detailed with good understanding and clear expression. The arguments are well considered and reflect understanding which extends beyond the specific study. (0) Suggest one way in which data could have been gathered outside a laboratory for	Page 9	Mark Scheme	Syllabus Syllabus
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Page 1	Mark Scheme	Syllabus er
	GCE A/AS LEVEL – May/June 2008	9698
7		Syllabus 9698 experience by observer osen study.
	ogists sometimes gather data about behaviour and e s in which people behave.	experience by observing
	cribe how observational data was gathered in your ch	losen study
(u) 200	Rosenhan (sane in insane places)	
	Piliavin, Rodin and Piliavin (subway Samaritans)	
	Bandura, Ross and Ross (aggression)	
	t likely answers: (any appropriate answer receives credit):	
	enhan: pseudo-patients gain access to mental institut	tions then as participant
	ervers record the behaviour of ward staff.	nk. Observere in corrigge
	vin, Rodin and Piliavin: on train, victim becomes ill or drui rd behaviour of passengers on train.	nk. Observers in carnage
	dura: children observed through one-way mirror in	controlled observation.
	aviour recorded and inter-rater reliability applied.	
	answer or incorrect answer.	(0)
	cdotal evidence, general statements, minimal detail, minin	
	mpt to outline how data was gathered though with omi	
	ty (comment with some comprehension). a aspects of data gathering identified and described in goo	(4–6) od detail : Outline is clear
	sed and well expressed.	(7–10)
		[max 10]
	cribe the results of the observations in your chosen s	
	enhan: staff ignored patients, particularly nurses an	
	aviour recorded when pseudo-patients tries to talk to staff vin, Rodin and Piliavin: different numbers obtained for ill	
	el not needed as participants helped, showing no diffusior	-
	dura: children exposed to aggressive model were more	
	sically aggressive. Some opposite sex inhibition.	
No	answer or incorrect answer.	(0)
	cdotal description of results, brief detail, minimal focus.	(1–3)
	ropriate results identified, description shows some unders	
•	ansion. ropriate aspect identified . Description is clear, has good i	(4–6) (4–6)
AUI	$\Box \Box \Box \Box \Box \Box = a S \Box = \Box \Box \Box \Box = \Box \Box = \Box = \Box \Box = \Box = \Box =$	

Appropriate aspect identified. Description is clear, has good understanding, is focused and well expressed. Good detail each aspect explained fully. (7

(7–10) [max 10]

Page 11	Mark Scheme	Syllabus er
	GCE A/AS LEVEL – May/June 2008	9698
disadva Indicativ Adv – th Adv – th Adv – th Adv – th Disadv – Disadv – Disadv – Disadv – Disadv – Disadv – No ansv Anecdot be inacc Increase OR adva Max ma Several Descript Some de Balance	 BCE A/AS LEVEL - May/June 2008 examples from your chosen study, what are ntages of observations? e content: most likely answers (any appropriate answers obse being observed behave naturally – high ecological shaviour has no demand characteristics – no ethics precontrolled then can replicate and have reliability and v observed behaviour may not be repeated/behaviour lack of control may mean replication is difficult observer bias/reliability of recording (resolved via integration gaining access to participant(s) and situations observing without consent/other ethical issues ver or incorrect answer. al description, brief detail, minimal focus. Very limited urate, incomplete or muddled. d range but basic. Some understanding, some focus. antages or disadvantages only which are focused on or so of 5 if only strengths or weaknesses. advantages or disadvantages which are focused on quion is good with reasonable understanding. etail and expansion of key features. of advantages or disadvantages which are focused on quion is detailed with good understanding and clear explained wit	the advantages er receives credit): I validity oblems alidity being observed may not er-rater reliability) (0) d range. Description may (1–3) uestion. (4–5) uestion. (6–7) n question.

(7–10) [max 10]