

CAMBRIDGE INTERNATIONAL EXAMINATIONS
General Certificate of Education Advanced Subsidiary Level

PSYCHOLOGY

8698/1

Paper 1 The Core Studies I

OCTOBER/NOVEMBER SESSION 2001

1 hour 30 minutes

Additional materials:
Answer paper

TIME 1 hour 30 minutes

INSTRUCTIONS TO CANDIDATES

Write your name, Centre number and candidate number in the spaces provided on the answer paper/ answer booklet.

Write your answers on the answer paper provided.

Section A

Answer **all** questions.

Section B

Answer **one** question.

If you use more than one sheet of paper, fasten the sheets together.

INFORMATION FOR CANDIDATES

The number of marks is given in brackets [] at the end of each question or part question.

This question paper consists of 5 printed pages and 3 blank pages.



Section A

Answer **all** Questions

- 1** In the Loftus and Palmer study on eyewitness testimony, the participants were shown film-clips of traffic accidents and asked the following question,

‘About how fast were the cars going when they ***** each other?’

In each condition, a different word was used to fill in the blank. The results are shown in Table 1.

Table 1. Speed estimates for the verbs used in the estimation of speed question

Word	Mean estimate of speed (mph)
Smashed	40.8
Collided	39.3
Bumped	38.1
Hit	34.0
Contacted	31.8

- Give **two** conclusions that can be drawn from the data. [4]
- 2** From the paper by Deregowski on perception:
- (a) Identify **one** cultural difference in perceptual skills. [2]
- (b) Give **one** problem with interpreting the results of cross cultural studies. [2]
- 3** (a) From the study by Baron-Cohen, Leslie and Frith on autism, explain what is meant by the term ‘theory of mind’. [2]
- (b) Give one problem that arises if a person does not have a theory of mind. [2]
- 4** The high level of obedience in the Milgram study was a surprise to the researchers. Give **four** factors that were thought to contribute to this high level of obedience. [4]
- 5** In the subway samaritan study by Piliavin, Rodin and Piliavin, the researchers found that people were more likely to help someone of their own race than of another race. Give **two** explanations for this behaviour. [4]
- 6** (a) From the study by Tajfel on discrimination, what are the key features of ethnocentrism? [2]
- (b) According to Tajfel, what are the minimum conditions for creating ethnocentrism? [2]

- 7 (a) From the study by Samuel and Bryant, briefly outline **one** of the conservation tasks. [2]
 (b) Suggest **two** factors that improved the performance of the children. [2]
- 8 The results of the study by Bandura, Ross and Ross are sometimes used in debates about the effects of television violence.
- (a) Give **one** piece of evidence from the study to SUPPORT showing violent cartoons or films on television. [2]
 (b) Give **one** piece of evidence from the study AGAINST showing violent cartoons or films on television. [2]
- 9 In the study by Hodges and Tizard on attachment, the psychologists recorded that at the age of 16 there were some differences between the 'experimental' group of children (who were raised in institutions before being adopted or restored) and their comparisons. Give **two** possible explanations for these differences. [4]
- 10 From the study by Schachter and Singer:
- (a) What is a placebo? [2]
 (b) How did the placebo group behave in the Schachter and Singer experiment? [2]
- 11 If one of Sperry's split brain patients was briefly shown Figure 1 (below), how would they respond to the following requests? Give a reason for each answer.



Fig. 1

- (a) Name what you saw. [2]
 (b) Draw what you saw. [2]

- 12 From the study by Raine, Buchsbaum and LaCasse on murderers, briefly describe **two** problems with interpreting the evidence from brain scans. [4]
- 13 From the study by Gould on intelligence, the author describes how the mass testing of army recruits produced three 'facts' about intelligence. One of these was that the average IQ of an adult American was at the level of a moron.
- (a) Give **one** piece of evidence from the study that supports this 'fact'. [2]
- (b) Give **one** reason why this fact might not be correct. [2]
- 14 Hraba and Grant found that Black children in 1969 showed a greater preference for Black dolls than Black children did in 1939. Give **two** explanations for this change. [4]
- 15 From the study by Rosenhan on being sane in insane places, give **two** features of life on the ward that were recorded by the pseudo-patients and, for each feature, briefly outline what they observed. [4]

Section B

Answer **either** Question 16 or Question 17 in this section.

- 16** One of the ethical issues that causes concern in the conduct of psychological investigations is the use of deception.

Choose any **one** of the studies presented in the list below and answer the questions which follow.

(a) Haney, Banks and Zimbardo (prison simulation),

(b) Milgram (obedience)

(c) Piliavin, Rodin and Piliavin (subway Samaritans)

- (i) Outline the main findings from your chosen study. [10]
- (ii) Describe how deception was used and evaluate the arguments for and against using deception in psychological research. Refer to other studies in your answer. [20]
- (iii) Outline one different method that could be used in your chosen study to investigate the same research question without deception. Evaluate the effect of this method. [10]

- 17** A number of the Core Studies used the case study method which collects detailed information about a limited number of participants.

Choose any **one** of the studies presented in the list below and answer the questions which follow.

(a) Gardner and Gardner (Washoe)

(b) Freud (Little Hans)

(c) Thigpen and Cleckley (multiple personality)

- (i) Outline the main findings from your chosen study. [10]
- (ii) Describe how the case study was carried out and evaluate the problems psychologists have when they use the case study method. Refer to other studies in your answer. [20]
- (iii) Suggest how one other psychological method could be used to investigate the same research question of your chosen study and say how this would effect the result of the study. [10]

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