



GCE AS/A level

1332/01

PSYCHOLOGY – PY2

Core Studies and Applied Research Methods

P.M. WEDNESDAY, 5 June 2013

1³/₄ hours

ADDITIONAL MATERIALS

In addition to this examination paper, you will need a 12 page answer book.

INSTRUCTIONS TO CANDIDATES

Use black ink or black ball-point pen.

Answer **all** questions in Section A **and** Section B.

Answer **all** parts of **either** Question 7 **or** Question 8 in Section C.

INFORMATION FOR CANDIDATES

Mark allocations are shown in brackets.

Note the information given at the start of every section.

You are reminded that assessment will take into account the quality of written communication used in answers for all questions in Section A.

SECTION A

*Answer **all** questions in this section.*

You are reminded that the focus of your response must be the skill of knowledge and understanding.

1. Summarise the aims **and** context of Rahe, Mahan and Arthur's (1970) research '*Prediction of near-future health change from subjects' preceding life changes*'. [12]
2. Outline the procedures of Milgram's (1963) research '*Behavioural study of obedience*'. [12]
3. Describe the findings **and** conclusions of Langer and Rodin's (1976) research '*The effects of choice and enhanced personal responsibility for the aged: A field experiment in an institutional setting*'. [12]

SECTION B

*Answer **all** questions in this section.*

You are reminded that the focus of your response must be the skill of analysis and evaluation.

4. Evaluate the methodology of Loftus and Palmer's (1974) research '*Reconstruction of Automobile Destruction: An Example of the Interaction Between Language and Memory*'. [12]
5. Evaluate the methodology of Gardner and Gardner's (1969) research '*Teaching Sign Language to a Chimpanzee*'. [12]
6. With reference to alternative evidence, critically assess Buss's (1989) research '*Sex differences in human mate preferences*'. [12]

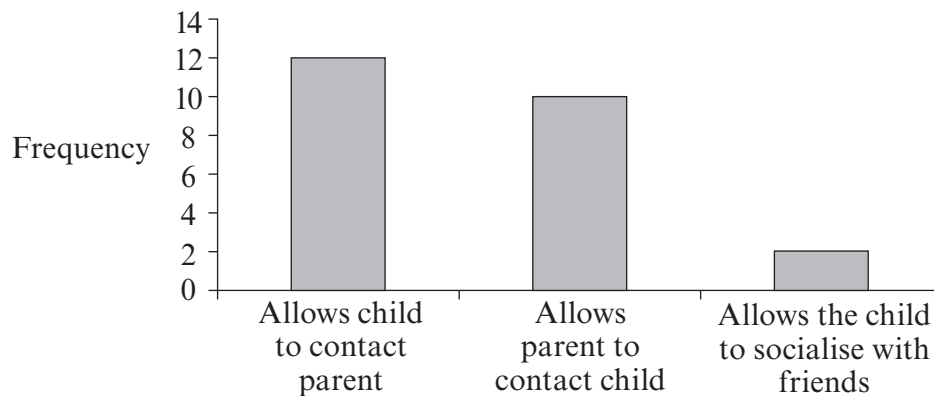
SECTION C

Answer **all** parts of **either** question 7 **or** question 8.

You are reminded that the focus of your response must be the application of knowledge of research methods to the novel situation.

Either,

7. A team of psychologists wanted to investigate the reasons why parents give their children mobile phones. The researchers asked a self-selected (volunteer) sample of 24 parents to complete a questionnaire on parenting in which there were some questions about mobile phones. They were asked to rank order possible reasons for giving their child a mobile phone from most relevant to least relevant. The most relevant reason chosen by the parents is presented in the bar chart below.



- (a) Outline **one** advantage and **one** disadvantage of using a questionnaire in this research. [3]
- (b) Identify **one** issue of reliability in this research and describe how you could deal with this issue of reliability. [3]
- (c) Identify **one** issue of validity in this research and describe how you could deal with this issue of validity. [3]
- (d) Outline **one** advantage and **one** disadvantage of self-selected (volunteer) sampling in this research. [3]
- (e) Discuss **one** ethical issue that might arise in this research. [3]
- (f) State **one** conclusion that can be drawn from the bar chart in this research. [3]

QUESTION 8 IS ON THE NEXT PAGE

SECTION C (*continued*)

Or,

8. A psychologist conducted a natural experiment into whether teenagers who smoke cigarettes have fewer friends than teenagers who do not smoke cigarettes. A random sample of teenagers were selected and they reported to the psychologist whether they smoked cigarettes or not and they were then asked to estimate how many friends they had. The psychologist reported the median number of friends for both the ‘cigarette smokers’ and ‘non-cigarette smokers’ groups.

	Median number of friends
Cigarette smokers	7
Non-cigarette smokers	9

- (a) Outline **one** advantage and **one** disadvantage of using a natural experiment in this research. [3]
- (b) Identify **one** issue of reliability in this research and describe how you could deal with this issue of reliability. [3]
- (c) Identify **one** issue of validity in this research and describe how you could deal with this issue of validity. [3]
- (d) Outline **one** advantage and **one** disadvantage of random sampling in this research. [3]
- (e) Discuss **one** ethical issue that might arise in this research. [3]
- (f) State **one** conclusion that can be drawn from the median values in this research. [3]