

**Wednesday 23 May 2012 – Morning**

**AS GCE PSYCHOLOGY**

**G541 Psychological Investigations**

Candidates answer on the Question Paper.

**OCR supplied materials:**  
None

**Other materials required:**  
None

**Duration: 1 hour**



Candidate forename		Candidate surname	
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Centre number						Candidate number				
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**INSTRUCTIONS TO CANDIDATES**

- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- Answer **all** the questions in Sections A, B and C.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- Write your answer to each question in the space provided. If additional space is required, you should use the lined pages at the end of this booklet. The question number(s) must be clearly shown.
- Do **not** write in the bar codes.

**INFORMATION FOR CANDIDATES**

- The number of marks is given in brackets [ ] at the end of each question or part question.
- The total number of marks for this paper is **60**.
- Quality of written communication is assessed throughout this paper.
- This document consists of **12** pages. Any blank pages are indicated.

**Section A**

Answer **all** questions.

Couples sometimes imitate each others' behaviours, usually without realising it, such as folding arms at the same time as each other. Psychologists call this 'postural echoing'. To study this, two researchers sat in a bar for one hour monitoring the behaviour of one couple at a time from the moment they entered until they left. Two couples were monitored and the data is presented in the table below.

Number of times the couples performed behaviours at the same time as each other					
Fold arms	Cross legs	Rest head on hand	Drink	Touch hair	Touch nose
12	8	10	7	5	3

1 (a) Identify **one** ethical issue that the researchers needed to consider when conducting this observation.

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.....  
..... [2]

(b) Suggest how they could have dealt with this issue.

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..... [2]

2 (a) Explain what is meant by inter-rater reliability in observational research.

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..... [2]

(b) Suggest how the researchers could have ensured that this observation had high inter-rater reliability.

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..... [4]

3 Outline **two** findings from the data in this table.

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.....  
..... [4]







8 Explain what is meant by a negative correlation.

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..... [2]

9 Describe how data is presented in a scattergraph.

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..... [2]

**Total [20 Marks]**











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