

**ADVANCED SUBSIDIARY GCE  
PSYCHOLOGY**

Psychological Investigations

**TUESDAY 13 MAY 2008**

**2542**

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.
- You may use your **Practical Work Folder** when answering the questions.
- At the end of the examination you must attach your **Practical Work Folder** to the back of your answer book.

**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 **50**.
- 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.

**Activity A: Questions, self reports and questionnaires.**

- 1 Describe the sampling method used to select the participants for this activity. [2]
- 2 Outline **one** strength and **one** weakness of this sampling method. [4]
- 3 (a) Suggest an alternative sample of participants that may have been used for your investigation. [2]  
(b) Explain how using this alternative sample of participants might affect your results. [4]

**Activity B: An observation.**

- 4 Describe how you investigated the aim of your observation. [4]
- 5 Suggest **two** improvements that could be made to the way your observation was carried out and outline the possible effect of each of these improvements on your observation. [6]
- 6 Outline **one** strength and **one** weakness of using observational methods. [4]

**Activity C: Collection of data to investigate the difference between two conditions.**

- 7 (a) What is meant by an 'independent measures design'? [2]  
(b) What is meant by a 'repeated measures design'? [2]
- 8 Outline the design that was used for your investigation. [2]
- 9 Outline **one** advantage and **one** disadvantage of using this design for your investigation. [6]

**Activity D: Collection of data involving two independent measures and analysis using a test of correlation.**

- 10** State the **null** hypothesis for your correlation. [3]
- 11** Sketch a scattergraph of your results. [3]
- 12 (a)** Outline the conclusion that you reached in relation to your hypotheses. [3]
- (b)** Explain how you analysed your data in order to reach this conclusion. [3]

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