

**OXFORD CAMBRIDGE AND RSA EXAMINATIONS
AS GCE**

G541/01

PSYCHOLOGY

Psychological Investigations

WEDNESDAY 22 MAY 2013: Morning

**DURATION: 1 hour
plus your additional time allowance**

MODIFIED ENLARGED

Candidate forename		Candidate surname	
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Centre number						Candidate number				
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Candidates answer on the Question Paper.

OCR SUPPLIED MATERIALS:

None

OTHER MATERIALS REQUIRED:

None

READ INSTRUCTIONS OVERLEAF

INSTRUCTIONS TO CANDIDATES

- **Write your name, centre number and candidate number in the boxes on the first page. 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 page(s) at the end of this booklet. The question number(s) must be clearly shown.**

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.**
- **Any blank pages are indicated.**

SECTION A

Answer ALL questions.

Psychologists used the self-report method to investigate gambling behaviour. They placed an advert in a local newspaper asking for men and women aged 16 to 50 to apply. Those who replied were sent a questionnaire in the post consisting of a number of open and closed questions. For example:

Give reasons why you gamble.

Which of the following gambling activities do you engage in?:

- ☐ national lottery ☐ fruit machines ☐ poker
☐ horse racing ☐ football

- 1 (a) Identify which of the above questions is a closed question and explain why.**

[2]

(b) Suggest ONE other closed question that could be used in this study.

[2]

2 Identify ONE ethical issue in this study and suggest how it could be addressed.

[3]

3 Evaluate the reliability and validity of this research.

[10]

4 Name and describe an alternative sampling method for this study.

[3]

SECTION B

Answer ALL questions.

Psychologists are interested in investigating if there is a correlation between age and ability to use the internet.

- 5 Suggest an appropriate alternate hypothesis for this study.**

[4]

6 Describe and evaluate a way to measure ‘ability to use the internet’ that could be used in this study. [10]

[illegible]

[illegible]

SECTION C

Answer ALL questions.

A researcher conducted a study to investigate the behaviour of people who came to sit on a bench in a park one day in summer. The researcher stood out of sight behind a tree several metres away and recorded what was happening every 10 minutes for a period of 15 seconds between 10am and 2pm.

The table below shows the number of times different behaviours were observed.

Reading	12
Eating	6
Using mobile phone	8
Talking to another person	5
Sitting quietly doing nothing	2

8 (a) What is a structured observation?

[2]

(b) Identify ONE strength and ONE weakness of using a structured observation in this study.

[4]

9 (a) What is time sampling?

[2]

(b) Identify ONE strength and ONE weakness of using time sampling in this study.

[4]

10 (a) Sketch an appropriate graph or chart to display the findings from this study. [4]

(b) Identify TWO findings from the data displayed in this graph or chart.

[4]

END OF QUESTION PAPER

ADDITIONAL ANSWER SPACE

If additional answer space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margins.

[illegible]

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