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Centre number						Candidate number				
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**OXFORD CAMBRIDGE AND RSA EXAMINATIONS
ADVANCED SUBSIDIARY GCE**

G541

PSYCHOLOGY

Psychological Investigations

WEDNESDAY 25 MAY 2011: Morning

DURATION: 1 hour

SUITABLE FOR VISUALLY IMPAIRED CANDIDATES

Candidates answer on the question paper.

OCR SUPPLIED MATERIALS:

None

OTHER MATERIALS REQUIRED:

None

READ INSTRUCTIONS OVERLEAF

INSTRUCTIONS TO CANDIDATES

- **Write your name, your centre number and candidate number in the boxes on the first page. Please write clearly and in capital letters.**
- **Use black ink. Pencil may be used for graphs and diagrams only.**
- **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.**
- **Answer ALL questions in Sections A, B and C.**

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.**

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SECTION A

Answer ALL questions.

A researcher conducted a study using the participant observation method to investigate the behaviour of people waiting in a bus queue. The observation took place on a week day between 8am and 10am using event sampling.

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

Reading (magazine, newspaper, book etc)	Talking to other people	Listening to music through headphones	Using a mobile phone	Waiting quietly doing nothing
31	11	18	26	8

1 (a) What is participant observation?

[2]

- 3 (a) Sketch an appropriate graph or chart to display the findings from this study.**

[4]

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

[4]

Total [20 Marks]

SECTION B

Answer ALL questions.

A study investigating factors influencing inter-personal attraction was conducted by psychologists using the self-report method. This involved asking people questions about how important age, appearance, personality, occupation and money were when forming romantic relationships. People were approached in a local shopping centre one weekday morning and asked if they would take a questionnaire home to complete and return using a pre-paid envelope.

4 (a) Identify TWO ethical issues in this study.

[4]

(b) Suggest how ONE of these ethical issues could be addressed.

[3]

5 Evaluate the reliability and validity of this research.

[10]

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

[3]

Total [20 Marks]

SECTION C

Answer ALL questions.

Psychologists want to investigate if there is a correlation between how interested a person is in cars and their driving skills.

7 Suggest an appropriate null hypothesis for this study.

[4]

8 Describe and evaluate a way to measure 'driving skills' that could be used in this study.

[10]

