



# AS PSYCHOLOGY (7181/2)

Paper 2 Psychology in Context

2016

Morning

Time allowed: 1 hour 30 minutes

## Materials

For this paper you may have:

- a calculator.

## Instructions

- Use black ink or black ball-point pen.
- Fill in the boxes at the bottom of this page.
- Answer **all** questions. You must answer the questions in the spaces provided. Do **not** write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through any work you do not want to be marked.

## Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 72.
- Questions should be answered in continuous prose. You will be assessed on your ability to:
  - use good English
  - organise information clearly
  - use specialist vocabulary where appropriate.

Please write clearly, in block capitals, to allow character computer recognition.

Centre number

Candidate number

Surname

Forename(s)

Candidate signature \_\_\_\_\_

**(7181/2)**

## Section A

### Approaches in Psychology

Answer **all** questions in this section

For each answer completely fill in the circle alongside the appropriate answer.

CORRECT METHOD  WRONG METHODS

If you want to change your answer you must cross out your original answer as shown. 

If you wish to return to an answer previously crossed out, ring the answer you now wish to select as shown. 

0 1

Which **two** of the following statements about the fight or flight response are correct?

Shade **two** boxes only.

During the fight or flight response:

A there is a decrease in the release of adrenaline

B the flow of blood is diverted from the surface of the skin

C the process of digestion is inhibited

D the parasympathetic division is in control of functioning

E there is a reduction in the rate of respiration

[2 marks]

0 2

Briefly explain **one** function of the endocrine system.

[2 marks]

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A cognitive psychologist investigating how memory works gave participants the same word list to recall in one of two conditions. All the words were of equal difficulty.

**Condition 1:** Ten participants recalled the words in the same room in which they had learned the words.

**Condition 2:** Ten different participants recalled the words in a room that was not the same room as that in which they had learned the words.

The following results were obtained:

**Table 1: Mean values and standard deviations for Condition 1 and Condition 2 in a memory experiment.**

	Condition 1	Condition 2
<b>Mean</b>	15.9	10.6
<b>Standard deviation</b>	3.78	1.04

0 3

Why are the standard deviation values found in the study above useful descriptive statistics for the cognitive psychologist?

[2 marks]

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0 4

Outline **one** problem of studying internal mental processes like memory ability by conducting experiments such as that described in **Question 03** above.

[2 marks]

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**Section B****Psychopathology**Answer **all** questions in this section**0 7**

What is meant by 'statistical infrequency' as a definition of abnormality?

**[2 marks]**

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Gavin describes his daily life.

'I sometimes get gripped with the thought that my family is in danger. In particular, I worry about them being trapped in a house fire. I now find that I can only calm myself if I check that every plug socket is switched off so an electrical fire couldn't start. I used to switch each socket on and off, but now I have to press each switch six times. It takes me ages to leave the house.'

**0 8**Outline **two** characteristics of obsessive-compulsive disorder. Refer to Gavin in your answer.**[4 marks]**

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Read the item and then answer the question that follows.

Tommy is six years old and has a phobia about birds. His mother is worried because he now refuses to go outside. She says, 'Tommy used to love playing in the garden and going to the park to play football with his friends, but he is spending more and more time watching TV and on the computer.'

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A psychologist has suggested treating Tommy's fear of birds using systematic desensitisation. Explain how this procedure could be used to help Tommy overcome his phobia.

[4 marks]

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Turn over for the next question





## Section C

### Research Methods

Answer **all** questions in this section

**1** **2**

Read the item and then answer the questions that follow.

Two researchers obtained a sample of ten people whose ages ranged from 20-years-old to 60-years-old.

Each participant was asked to take part in a discussion of social care issues. This included discussion about who should pay for social care for elderly people and how to deal with people struggling with mental health problems. A confederate of the researchers was given a script to follow in which a series of discussion points was written for the confederate to introduce.

Each participant then came into a room individually and the discussion with the confederate took place. The maximum time allowed for a discussion was 30 minutes.

The researchers observed the discussions between the confederate and participants and rated the active engagement of the participants in the discussion. The ratings were between 1, (not at all interested) and 20, (extremely interested.) The researchers believed that the rating provided a measurement of the participants' attitudes towards social care issues.

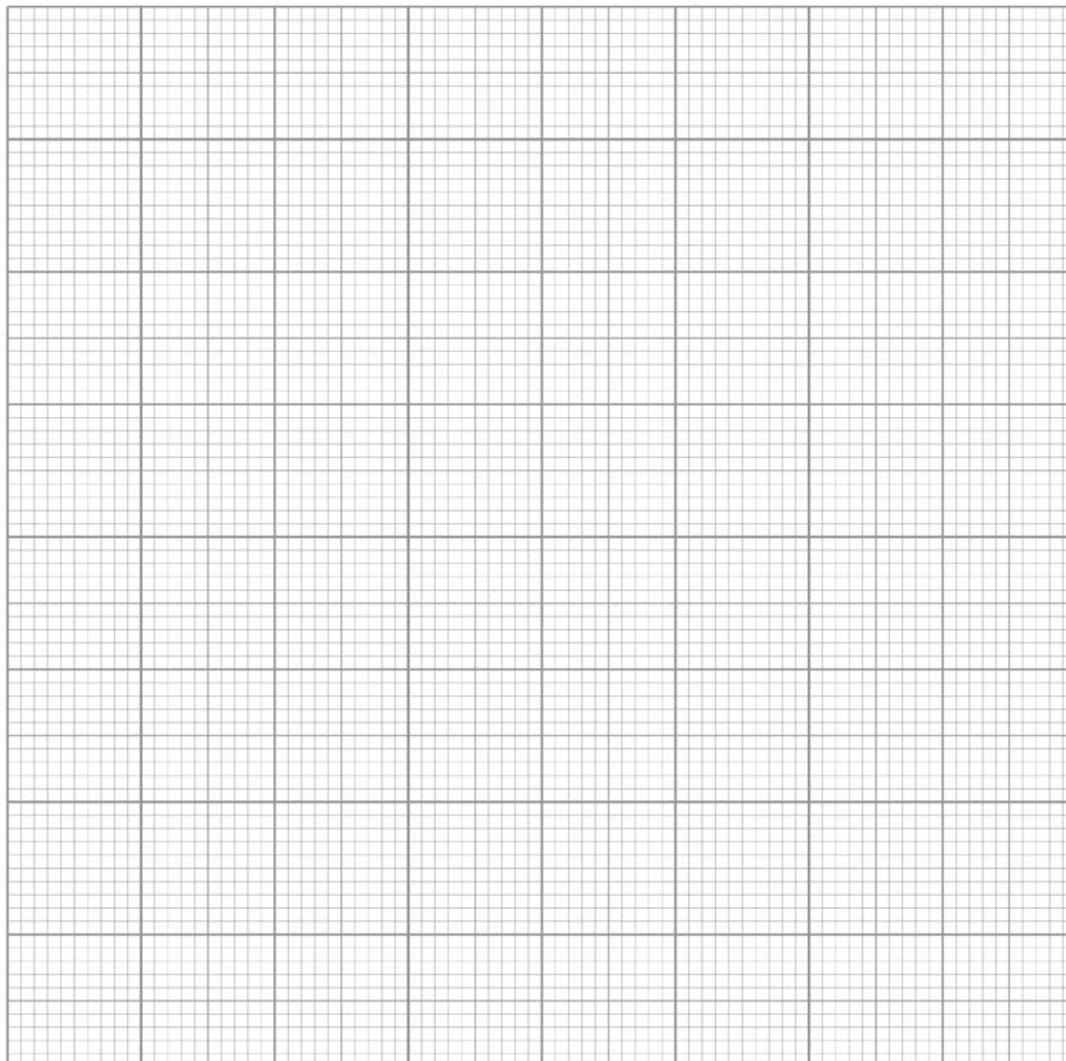
The following data were obtained in the study:

**Table 2: The relationship between age and attitude to social care**

Age of participant	Attitude to social care issues rating
21	5
23	3
34	8
36	12
40	10
47	13
52	17
53	15
58	18
60	20

- 1 2 . 1** Use the graph paper below to sketch a display of the data given in **Table 2** opposite. You do not need to give your display a title.

**[3 marks]**



- 1 2 . 2** What does the display you have drawn in your answer in **Question 12.1** suggest about the relationship between age and attitude to social care issues? Explain your answer.

**[2 marks]**

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**1 2 . 3** The researchers rated the active engagement of the participants in the discussion on social care. They used this rating as a measure of each participant's attitude to social care issues.

Briefly explain how investigator effects might have occurred in this study.

**[2 marks]**

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**1 2 . 4** Outline how the researchers could have avoided investigator effects having an impact on the study.

**[2 marks]**

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The researchers thought it might be interesting to investigate further the attitudes of the participants in the study. They decided to interview each participant. The researchers devised a questionnaire in order to collect the data they required. The questionnaire included both open and closed questions.

- 1 2 . 5** Briefly discuss the benefits for the researchers of using **both** closed **and** open questions on their questionnaire about attitudes to social care.

**[4 marks]**

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- 1 2 . 6** Write **one** question that you think the researchers might have put on their questionnaire. Explain which type of question you have written and why you think this would be a suitable question for this study.

**[3 marks]**

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The researchers have obtained both qualitative and quantitative data in the observations and interviews they have conducted.

**1 2 . 7** Identify the qualitative and quantitative data collected in this study. Explain your answer.

**[4 marks]**

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**1 2 . 8** Explain how the researchers should have addressed **two** ethical issues in the investigation.

**[4 marks]**

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**END OF QUESTIONS**

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