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# GCSE PSYCHOLOGY

## Paper 2 Social context and behaviour

Monday 3 June 2019                      Afternoon                      Time allowed: 1 hour 45 minutes

**Materials**

For this paper you may use:

- a calculator.

| For Examiner's Use |      |
|--------------------|------|
| Section            | Mark |
| A                  |      |
| B                  |      |
| C                  |      |
| D                  |      |
| <b>TOTAL</b>       |      |

**Instructions**

- Use black ink or black ball-point pen.
- Fill in the boxes at the top 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 100.
- Question 19 is a synoptic question in which you will be rewarded for your ability to draw together different areas of knowledge and understanding from across the full course of study.
- 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.



Section A

Social influence

Answer **all** questions in the spaces provided.

Only **one** answer per question is allowed.

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

Read the following descriptions of bystander behaviour. Decide which factor that affects bystander intervention is the **most likely** explanation of the behaviour being described.

0 1 . 1

Caitlin jumped into a river and rescued a child who had fallen in. Caitlin was called a hero but dismissed the praise saying 'I just did what any other off-duty lifeguard would have done.'

Shade **one** box.

[1 mark]

- |                        |                                                                                       |
|------------------------|---------------------------------------------------------------------------------------|
| A Anonymity            |  |
| B Cost of helping      |  |
| C Deindividuation      |  |
| D Expertise            |  |
| E Presence of others   |  |
| F Similarity to victim |  |



0 1 . 2

People were waiting at a bus stop. Just as the bus arrived, one of the people collapsed on the pavement. All of the people who were concerned they would be late for work got onto the bus. Some other people stayed behind to help.

Shade **one** box.

[1 mark]

- A Anonymity ☐
- B Cost of helping ☐
- C Deindividuation ☐
- D Expertise ☐
- E Presence of others ☐
- F Similarity to victim ☐

0 1 . 3

After a football game, a supporter fell over. The only people who stopped to help were wearing shirts showing that they were supporters of the same team as the person that fell over.

Shade **one** box.

[1 mark]

- A Anonymity ☐
- B Cost of helping ☐
- C Deindividuation ☐
- D Expertise ☐
- E Presence of others ☐
- F Similarity to victim ☐

Turn over for the next question

Turn over ►



0 2 . 1

A psychologist conducted a study to see if people will conform to the opinion of others.

The psychologist put each participant into a group with seven strangers. The group was asked to compare the length of three different lines to the length of a single line. Each group member was asked to say out loud which of the three lines was the same length as the single line. The participants were asked to say their answers last.

The participants did not know that everyone else in the group was a confederate and was deliberately giving wrong answers.

The psychologist found that 91% of the participants conformed by giving a wrong answer at least once.

Use your knowledge of **one** social factor affecting conformity to explain these results. **[3 marks]**

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0 2 . 2

Evaluate the study described in Question 2.1.

**[4 marks]**

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0 3

Briefly explain Milgram’s agency theory of social factors affecting obedience.

[3 marks]

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0 4

Use your knowledge of psychology to evaluate Adorno’s theory of the Authoritarian Personality.

[5 marks]

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Turn over for the next question

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05

Read the following article.

**Results of study into collective behaviour**

Researchers have carried out a study into collective behaviour with students from two different countries. People from Country A are more individualistic and people from Country B are more collectivist. The researchers found a difference in the way that students from each country behaved when they were put into a group and did a shared task. Students from Country A were found to put in less effort than students from Country B.

05.1

What is meant by 'collective behaviour'?

[1 mark]

05.2

Identify and explain **two** social factors that influenced the collective behaviour described in the article.

[4 marks]

Social Factor 1

Social Factor 2

05.3

Use an example to explain how **one** dispositional factor could affect collective behaviour.

[2 marks]

25



Section B

Language, thought and communication

Answer **all** questions in the spaces provided.

0 6

Read the following statements about findings from research into facial expressions.

Decide if each statement suggests that non-verbal behaviour is more likely to be **innate** or more likely to be **learned**.

Tick (✓) the correct box next to **each** statement.

[3 marks]

| Evidence                                                                                                                      | Innate | Learned |
|-------------------------------------------------------------------------------------------------------------------------------|--------|---------|
| Research has shown that all newborn babies make facial expressions showing disgust and pain.                                  |        |         |
| Research has shown that people who are blind from birth use very similar facial expressions to people who have normal vision. |        |         |
| Research has shown that there are differences in the way that people from Japan and America understand facial expressions.    |        |         |

0 7

The Sapir–Whorf hypothesis suggests thinking depends on language. Briefly explain **two** evaluations of the Sapir–Whorf hypothesis.

[4 marks]

Turn over ►







0 8 . 2

Write a suitable alternative hypothesis for Von Frisch’s bee study.

[2 marks]

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0 8 . 3

What is meant by quantitative **and** qualitative data?

A researcher is studying bees to investigate animal communication. Give **one** example of **quantitative** data that the researcher might collect.

[3 marks]

Quantitative data \_\_\_\_\_

Qualitative data \_\_\_\_\_

Example of quantitative data \_\_\_\_\_

Turn over for the next question

Turn over ►



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09.1

State **two** factors that affect personal space.

[2 marks]

1. \_\_\_\_\_

2. \_\_\_\_\_

09.2

Use an example to explain how **one** of the factors that you have stated in Question 9.1 affects personal space.

[2 marks]

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

25



Section C

Brain and neuropsychology

Answer **all** questions in the spaces provided.

1 0

Read the following information.

Rhys was walking to school on the morning of his psychology exam. He realised that he was breathing faster than normal and wondered if that was because he was in a hurry, or because he was worried about his exam. As he reached the school gates, Rhys noticed someone from his class he thought was really attractive. Even though he felt his heart start to beat faster and he started to sweat, he tried to look confident by smiling and standing up straight.

From the information, identify **two** examples of functions of the autonomic nervous system and **two** examples of functions of the somatic nervous system.

Write your answers in the correct boxes.

[4 marks]

| Autonomic nervous system examples | Somatic nervous system examples |
|-----------------------------------|---------------------------------|
|                                   |                                 |
|                                   |                                 |

Turn over for the next question

Turn over ►



1 1

Read the following information.

Researchers wanted to understand more about how the fight or flight response affects heart rates. They asked 10 participants to wear heart monitors and to go on a roller coaster ride. The researchers recorded the beats per minute (bpm) of the participants' heart rates at three different times. The first time was 20 minutes before the ride, the second time was halfway through the ride and the last time was just as the ride finished. The results from all three times are shown in **Table 1**.

**Table 1: bpm recorded at each point of the roller coaster ride.**

| Participant | Before the ride | Halfway through the ride | As the ride finished |
|-------------|-----------------|--------------------------|----------------------|
| 1           | 80              | 125                      | 100                  |
| 2           | 70              | 140                      | 115                  |
| 3           | 90              | 135                      | 110                  |
| 4           | 70              | 115                      | 95                   |
| 5           | 80              | 135                      | 100                  |
| 6           | 70              | 145                      | 100                  |
| 7           | 70              | 140                      | 105                  |
| 8           | 60              | 130                      | 110                  |
| 9           | 90              | 150                      | 125                  |
| 10          | 80              | 135                      | 105                  |

1 1 . 1

Calculate the mean for the participants' bpm recordings taken 20 minutes before the ride. Show your workings.

[2 marks]

Workings:

Answer \_\_\_\_\_  
\_\_\_\_\_



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1 1 . 2

What is the median for the participants' bpm recordings taken when they were halfway through the ride?

[1 mark]

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1 1 . 3

Identify the mode for the participants' bpm recordings taken when the ride had just finished.

Shade **one** box.

[1 mark]

- A 100

☐
- B 105

☐
- C 110

☐
- D 115

☐

1 1 . 4

Look at the changes in the heart rates recorded in **Table 1**. Use your knowledge of the fight or flight response to explain these changes.

[4 marks]

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1 4

A neuropsychologist is trying to find out why a patient is suddenly experiencing difficulties moving one side of their body.

1 4 . 1

Use your knowledge of psychology to:

- name which lobe of the brain the neuropsychologist should investigate **and** explain your answer
- suggest a possible cause of the neurological damage that the patient seems to be experiencing.

[3 marks]

Lobe of the brain and explanation \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Possible cause \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

1 4 . 2

Name an appropriate scanning technique that the neuropsychologist could use as part of his investigation. Justify your answer.

[3 marks]

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

25

Turn over for the next question

Turn over ►



Section D

Psychological problems

Answer **all** questions in the spaces provided.

1 5

Kaij carried out a study into genetic vulnerability and alcohol abuse.

1 5 . 1

Identify the target population from which Kaij selected his sample of participants.

Shade **one** box.

[1 mark]

A Identical male twins from Sweden

☐

B Male twins from Sweden

☐

C Swedish males who drink

☐

D Twins from Sweden

☐

1 5 . 2

Which of the following methods for collecting data was used by Kaij in his study?

Shade **one** box.

[1 mark]

A Field experiment

☐

B Interviews

☐

C Laboratory experiment

☐

D Observation study

☐



1 6

Read the following article.

**Psychologists believe that social media can make us feel lonely!**

Researchers claim they have discovered that spending more time on social media sites can actually make us feel less connected to other people. This increases our sense of isolation. Researchers say that this is having a negative effect on our mental health and could be damaging to our relationships. It may also have a negative effect on our physical wellbeing and lead to an increased need for social care.

1 6 . 1

Identify **one** characteristic of mental health.

[1 mark]

\_\_\_\_\_

1 6 . 2

Briefly explain how significant mental health problems can affect **both** individuals **and** society. Refer to the article in your answer.

[4 marks]

\_\_\_\_\_  
\_\_\_\_\_  
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Turn over for the next question

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17.1

Identify **one** intervention or therapy for depression.

[1 mark]

\_\_\_\_\_

17.2

Evaluate the intervention or therapy for depression that you have identified in your answer to Question 17.1.

[4 marks]

\_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

18

A researcher is going to carry out a questionnaire to find out if university students are addicted to harmful substances. All the students have been given full details about the study and have consented to take part.

Use your knowledge of psychology to:

- write **one** appropriate question that the researcher could ask the university students
- identify **one** ethical issue, apart from informed consent, that the researcher needs to address in this study. Explain how he could deal with the issue you identify.

[4 marks]

Question \_\_\_\_\_

Ethical issue \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_





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