



Oxford Cambridge and RSA

Monday 15 November 2021 – Afternoon

GCSE (9–1) Psychology

J203/01 Studies and applications in psychology 1

Time allowed: 1 hour 30 minutes



You must have:

- a scientific or graphical calculator



Please write clearly in black ink. **Do not write in the barcodes.**

Centre number

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Candidate number

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First name(s)

Last name

INSTRUCTIONS

- Use black ink. You can use an HB pencil, but only for graphs and diagrams.
- Write your answer to each question in the space provided. If you need extra space use the lined pages at the end of this booklet. The question numbers must be clearly shown.
- Answer **all** the questions.

INFORMATION

- The total mark for this paper is **90**.
- The marks for each question are shown in brackets [].
- Quality of extended response will be assessed in questions marked with an asterisk (*).
- This document has **16** pages.

ADVICE

- Read each question carefully before you start your answer.

2

Section A

Criminal Psychology

Answer **all** questions in this section.

1 (a) Identify which of the following types of crime is associated with murder.

- A Anti-social
- B Drug related
- C Sexual
- D Violent

Your answer

☐

[1]

(b) Identify which of the following is an example of acquisitive crime.

- A Assault
- B Graffiti
- C Rape
- D Robbery

Your answer

☐

[1]

(c) Identify which of the following would be the best evidence that crime is a social construct.

- A An increase in crime rate
- B Criminals responding to punishment
- C Different cultures identifying different behaviours as criminal
- D People often not reporting certain crimes

Your answer

☐

[1]

3

- 2 Explain **one** way in which Cooper and Mackie's (1986) study into video games and aggression in children could be improved.

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..... [3]

- 3 Outline **two** criticisms of the Social Learning Theory of Criminality.

1

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2

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..... [4]

- 4 The data below shows the psychoticism scores for a man and his five sons.

12 14 17 15 17 19

Calculate, to **one** decimal place, the mean psychoticism score for this family. Show your workings.

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.....

..... [3]

5 Describe the neuropsychology involved in psychoticism and extraversion.

[5]

6 Azmi has been caught dealing drugs at their college and the police have been contacted. Azmi has admitted to doing this on a number of occasions, and has a lot of drugs in their possession at home.

Using the source:

(a) Explain **one** way that punishment could be used with Azmi to try to stop their involvement with drugs.

[3]

(b) Explain **one** way that rehabilitation could be used with Azmi to try to stop their involvement with drugs.

[3]

5

Section B

Development

Answer **all** questions in this section.

- 7 (a) Identify which of the following was a weakness of the sample used in Piaget's (1952) study into the conservation of number.
- A It only included boys
 - B It only included children from one culture
 - C It only included children under the age of five years
 - D It only included children with a high IQ

Your answer

☐

[1]

- (b) Identify which of the following was a weakness of the task used in Piaget's (1952) study into the conservation of number.
- A It had more than one possible answer
 - B It had nothing to do with thinking
 - C It was artificial
 - D Many children reported they were bored by it

Your answer

☐

[1]

- (c) Identify which of the following was a weakness of the procedure used in Piaget's (1952) study into the conservation of number.
- A He asked the same question twice
 - B He changed his questioning each time
 - C He helped the children with the task
 - D He used counters rather than other objects

Your answer

☐

[1]

- 8 Read the following source about somebody's family.

"My youngest child is Sam. They are three years old and their speech is developing really well. However, if I hide Sam's teddy, they will not go and look for it.

Alex and Kai are my eight-year-old twins but are quite different. Alex is very advanced and can deal with two perspectives at the same time. Alex is also able to understand that an object's properties are the same even when its appearance has changed. Kai however, still only sees things from their point of view. Kai also still has toys that are their make-believe friends and gets very upset if anyone 'hurts' them.

My eldest child is Taylor. They have just turned twelve. Taylor is quite typical for their age and can do the kinds of things that their peers do."

Using the source and your knowledge of Piaget's theory:

- (a) Name the stage of cognitive development that Sam is in.

..... [1]

- (b) Name the twin who demonstrates decentration.

..... [1]

- (c) State the concept of cognitive development that Kai shows with their toys.

..... [1]

- (d) Give the phrase that demonstrates the concept of egocentrism.

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 [1]

- (e) Give **one** example of something that Taylor should be able to do compared to their siblings.

.....
 [1]

- 9 A psychologist asked a group of students the following question:

“What is your preferred learning style when working in the classroom?”

Students could choose one of the following answers:

- A I prefer to learn by listening and talking.
- B I prefer to learn by doing and making.
- C I prefer to learn by reading and writing.
- D I do not have a preference for any of the above.

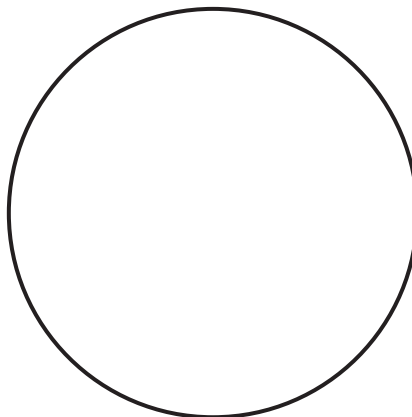
He categorised the findings from this question and calculated the percentage of students who opted for each answer.

A table to show students' preferred learning styles by percentage.

| | | | | | | | |
|----------|-----|--------------|-----|--------|-----|---------------|-----|
| Auditory | 15% | Kinaesthetic | 16% | Visual | 11% | No preference | 58% |
|----------|-----|--------------|-----|--------|-----|---------------|-----|

- (a) **Sketch** a pie chart in the space below to represent the data in this table.

[4]



- (b) Tick the box below to show what type of question was used to collect this data.

[1]

Open ☐ Closed ☐

- (c) Give the modal category in this set of data.

..... [1]

10 Evaluate how Blackwell et al. (2007) carried out their study into fixed and growth mindsets.

..... [6]

11 Outline how Dweck's mindset theory may be applied in education.

[4]

Section C

Psychological Problems

Answer **all** questions in this section.

- 12 (a)** Identify which of the following is represented by the letter A in the ABC Model of clinical depression.

- A** Activating episode
- B** Activating event
- C** Actual episode
- D** Actual event

Your answer ☐

[1]

- (b)** Identify which of the following is represented by the letter B in the ABC Model of clinical depression.

- A** Behaviour
- B** Beliefs
- C** Bias
- D** Brain

Your answer ☐

[1]

- (c)** Identify which of the following is represented by the letter C in the ABC Model of clinical depression.

- A** Cause
- B** Consequences
- C** Context
- D** Current situation

Your answer ☐

[1]

15* Use your knowledge and understanding from across the psychology course to explain how far you agree with the following statement:

“Biological explanations give us the best understanding of human behaviour.”

In your answer, you should refer to the biological explanation of schizophrenia and **at least one** other theory from another area of psychology. [13]

[illegible]

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13

Section D

Research Methods

Answer **all** questions in this section.

You have been asked to carry out a **correlation** to investigate whether there is a relationship between how much exercise people do and how happy they are. The theory is that the more exercise people do, the happier they are.

Use this space to plan your investigation.

16 Identify the **two** co-variables in your investigation.

1

2 [2]

17 Based on the theory you are investigating, give the direction of correlation you would predict.

Show your answer by ticking **one** of the boxes below.

[1]

Negative ☐

Positive ☐

Zero ☐

18 Outline the procedure you would use in your investigation.

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..... [3]

19 Identify **one** ethical issue that could arise in your investigation and briefly explain how you would deal with it.

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..... [3]

20 Outline **one** way you would avoid gender bias in your investigation.

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..... [2]

21 Name the type of graph you would use to present the results from your investigation.

..... [1]

22 Outline **one** way you would try to ensure your investigation is reliable.

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..... [3]

23 Explain **one** weakness of using a correlation for this investigation.

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..... [3]

END OF QUESTION PAPER

