

Monday 15 November 2021 – Afternoon GCSE (9-1) Psychology

J203/01 Studies and applications in psychology 1

Time allowed: 1 hour 30 minutes

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Please write clea	arly in	black	k ink.	Do no	ot writ	e in the barcodes.		
Centre number						Candidate number		
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.



Section A

Criminal Psychology

Answer **all** questions in this section.

(a)	Ide	ntify which of the following types of crime is associated with murder.	
	Α	Anti-social	
	В	Drug related	
	С	Sexual	
	D	Violent	
	You	er answer	[1]
(b)	Ide	ntify which of the following is an example of acquisitive crime.	
	Α	Assault	
	В	Graffiti	
	С	Rape	
	D	Robbery	
	You	er answer	[1]
(c)	Ide	ntify which of the following would be the best evidence that crime is a social construct.	
	Α	An increase in crime rate	
	В	Criminals responding to punishment	
	С	Different cultures identifying different behaviours as criminal	
	D	People often not reporting certain crimes	
	You	ir answer	[1]

1

Explain one wa children could be			d Mackie	's (1986)	study into	o video games	and aggression i
							[3
Outline two crit	icisms of the	Social L	earning T	heory of (Criminalit	y.	
1							
2							
							[4
							· ·
The data below	shows the p	osychotici	sm score	s for a ma	an and his	s five sons.	
	12	14	17	15	17	19	
Calculate, to on	ne decimal pl	lace, the r	mean psy	choticism	score for	this family. St	now your workings
							[3

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Section B

Development

Answer **all** questions in this section.

7	(a)		ntify which of the following was a weakness of the sample used in Piaget's (1952) study the conservation of number.
		A	It only included boys
		В	It only included children from one culture
		С	It only included children under the age of five years
		D	It only included children with a high IQ
		You	ır answer [1]
	(b)		ntify which of the following was a weakness of the task used in Piaget's (1952) study into conservation of number.
		Α	It had more than one possible answer
		В	It had nothing to do with thinking
		С	It was artificial
		D	Many children reported they were bored by it
		Υοι	ır answer [1]
	(c)		ntify which of the following was a weakness of the procedure used in Piaget's (1952) study the conservation of number.
		Α	He asked the same question twice
		В	He changed his questioning each time
		С	He helped the children with the task
		D	He used counters rather than other objects
		Υοι	ır answer [1]

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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.	
		[1]
(e)	Give one example of something that Taylor should be able to do compared to their sibling	S.
		[41]

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.

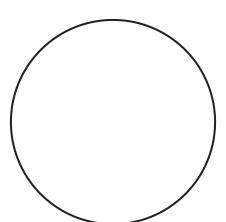
He categorised the findings from this question and calculated the percentage of students who opted for each answer.

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

Aud	itory	15%	Kinaesthetic	16%	Visual	11%	No preference	58%	
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[4]

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



(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]

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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)		ntify which of the following is represented by the letter A in the ABC Model of clinical pression.
		Α	Activating episode
		В	Activating event
		С	Actual episode
		D	Actual event
		You	ir answer [1]
	(b)		ntify which of the following is represented by the letter B in the ABC Model of clinical pression.
		Α	Behaviour
		В	Beliefs
		С	Bias
		D	Brain
		You	ir answer [1]
	(c)		ntify which of the following is represented by the letter C in the ABC Model of clinical pression.
		Α	Cause
		В	Consequences
		С	Context
		D	Current situation
		You	ır answer [1]

13	Describe how attitudes towards mental health have changed in the UK since the 1959 Mental Health Act.
	[6]
14	In a survey, 1/7 of people reported experiencing at least one panic attack in the past six months.
	Express this fraction as a decimal to two significant figures. Show your workings.
	[2]

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 on other theory from another area of psychology. [13]

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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.

U	se 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	

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Outline the procedure you would use in your investigation.	
	[3
Identify one ethical issue that could arise in your investigation and briefly explain how yo deal with it.	ou wou
	[3
Outline one way you would avoid gender bias in your investigation.	
	[2
Name the type of graph you would use to present the results from your investigation.	
Tvame 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.	
		[3]
23	Explain one weakness of using a correlation for this investigation.	
		[31

END OF QUESTION PAPER

ADDITIONAL ANSWER SPACE

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

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