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MONDAY, 22 MAY 2023 – AFTERNOON

PSYCHOLOGY – AS component 2 **Psychology: Investigating Behaviour**

1 hour 45 minutes

For Exa	aminer's us	e only
Question	Maximum Mark	Mark Awarded
1.	12	
2.	8	
3.	10	
4.	6	
5.	4	
6.	16	
7.	24	
Total	80	

ADDITIONAL MATERIALS

In addition to this paper you may require a calculator and a ruler.

INSTRUCTIONS TO CANDIDATES

Use black ink or black ball-point pen. Do not use gel pen or correction fluid.

You may use a pencil for graphs and diagrams only.

Write your name, centre number and candidate number in the spaces at the top of this page. Answer all questions.

Write your answers in the spaces provided in this booklet. Additional space is provided for some questions within the booklet (if required). If further space is required for any question, you should use the additional page(s) at the back of the booklet, taking care to number the question(s) correctly.

INFORMATION FOR CANDIDATES

The number of marks is given in brackets at the end of each question or part-question. You are reminded of the need for good English and orderly, clear presentation in your answers. Assessment will take into account the quality of written communication used in your answers.



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Answer all question	ons	
Critically evaluate Kohlberg's (1968) research ' <i>The cl</i>	hild as a moral philosopher'.	[12]

B290U201 03

Additional space for question 1 only:	Ex



	o strengths of using a longitudinal study in psychology.	[2 + 2]
(b) Explain tw	o weaknesses of using a longitudinal study in psychology.	[2 + 2]
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	o weaknesses of using a longitudinal study in psychology.	



3.	Expla	ain how you would calculate the following:		Examiner only
		Median.	[2]	
	•••••			
	(b)	Mode.	[2]	
	•••••			
	•••••			
	(C)	Standard deviation.	[6]	
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(a) Usi	ng an example, explain what is meant by the term 'confounding	g variables'.	[3]
(b) Usi	ng an example, explain what is meant by 'operationalisation of	variables'.	[3]
(b) Usi	ng an example, explain what is meant by 'operationalisation of	variables'.	[3]
(b) Usi	ng an example, explain what is meant by 'operationalisation of	variables'.	[3]
	ng an example, explain what is meant by 'operationalisation of		
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Examiner only

[1]

5. Identify whether the following hypotheses are either directional, non-directional or null:

- (a) There is no relationship between the number of hours spent revising and the exam result.
- (b) There will be a difference in the response times of participants who have consumed an alcoholic drink and participants who have not consumed an alcoholic drink. [1]
- (c) As the number of hours of sunshine decreases, the number of depressive symptoms increases. [1]
- (d) Participants who own dogs will have higher wellbeing scores than participants who do not own a dog. [1]

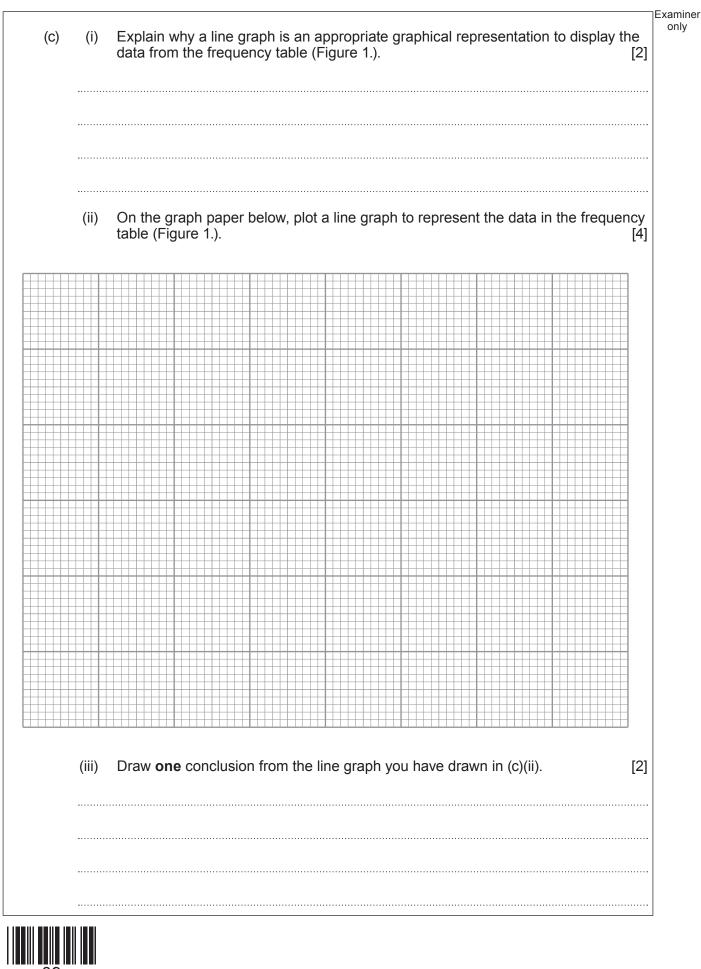
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loped. / word osycho re 1. T	The so her sor blogist the	n spoke h n spoke oi hen prese	is first thre n the first d inted this d	e words at ay of every ata in the fr	12 months. month, unti equency tal	The psycho I the son w ole below:	ologist then /as 18 mont	recorded hs old.
		12	13	14	15	16	17	18
lumbe	r of	3	6	7	12	11	26	52
		reasons	why a case	study wou	ld be an app	propriate m	ethod to us	e in this [2 + 2]
(i)	Explai	in why res	earcher bia	as may be a	an issue of v	alidity in th	is research	. [2]
·····								
(ii)	Explai	in what co	uld be don	e to deal w	ith the resea	archer bias	in this rese	arch. [2]
	• • • • • • • • • • • • • • • • • • • •		••••••		••••••	•••••	••••••	••••••
	loped. y word psycho re 1. Tl 18 mor le (Mo Jumbe rds sp Expla resea (i)	loped. The so y word her so psychologist t re 1. The num 18 months. le (Months) Jumber of ords spoken Explain two research. (i) Explai	loped. The son spoke of psychologist then prese re 1. The number of wor 18 months. ge (Months) 12 Jumber of 3 Explain two reasons of research.	loped. The son spoke his first three y word her son spoke on the first depsychologist then presented this depsychologist for the presented the pres	loped. The son spoke his first three words at y word her son spoke on the first day of every psychologist then presented this data in the first 18 months. re 1. The number of words spoken on the first 18 months. re (Months) 12 13 14 Jumber of rds spoken 3 6 7 Explain two reasons why a case study wou research. (i) Explain why researcher bias may be a	loped. The son spoke his first three words at 12 months. y word her son spoke on the first day of every month, untipsychologist then presented this data in the frequency tat re 1. The number of words spoken on the first day of each 18 months. lee (Months) 12 13 14 15 Jumber of a 6 7 12 Explain two reasons why a case study would be an appresearch. (i) Explain why researcher bias may be an issue of v	loped. The son spoke his first three words at 12 months. The psychologid then presented this data in the frequency table below: re 1. The number of words spoken on the first day of each month be 18 months. re (Months) 12 13 14 15 16 Jumber of rds spoken 3 6 7 12 11 Explain two reasons why a case study would be an appropriate m research. (i) Explain why researcher bias may be an issue of validity in the second study is the second study in the second study is the second study in the second study is the second study i	e 1. The number of words spoken on the first day of each month between the at 8 months. le (Months) 12 13 14 15 16 17 Jumber of rds spoken 3 6 7 12 11 26 Explain two reasons why a case study would be an appropriate method to use research. Image: constraint of the second sec





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7.	wearin who v their o when	ng ma vere s confid they point s	y professor was interested in why people wear make-up. Her friend claimed that ake-up improved their confidence. The professor randomly selected 20 students studying at the university where she worked. She asked the participants to recor- lence score at midday on one day when they were wearing make-up and one da were not wearing make-up. The participants rated their confidence score using scale (0 = no confidence to 10 = extremely confident). The professor's research was:	d
			s will record a higher confidence score when wearing make-up than when not ake-up.	
	(a)	(i)	Explain why the professor's choice of using a directional hypothesis may be inappropriate in this research.	[2]
		·····		
		(ii)	State an operationalised null hypothesis that the professor might use in this research.	[2]
	10			
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(ii) Explain one strength of using random sampling in this research.	
(ii) Explain one strength of using random sampling in this research.	
	[2]
(iii) Explain one weakness of using random sampling in this research.	[2]
(c) A colleague of the professor is concerned that the confidence scores may not be reliable. Explain how the professor could use test-retest to assess the reliability of he findings in this research.	er [2]



(d)	(i)	Explain one strength of conducting this research in the field.	[2]
		Explain one weakness of conducting this research in the field.	[2]
(e)	(i)	Explain why the risk of stress, anxiety, humiliation or pain, may be an ethical iss in this research.	ue [2]
		Explain one way in which the professor could deal with the ethical issue of risk o	 of
		stress, anxiety, humiliation or pain, in this research.	[2]
	•••••		



(f)	Identify and fully justify an inferential statistical test that could be used to analyse the data in this research. [1 + 3]	Examine only
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	END OF PAPER	
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Question number	Additional page, if required. Write the question number(s) in the left-hand margin.	Examiner only
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Question number	Additional page, if required. Write the question number(s) in the left-hand margin.	Examine only
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Question number	Additional page, if required. Write the question number(s) in the left-hand margin.	Examine only
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