

Surname	Centre Number	Candidate Number
Other Names		2

**GCE AS**

B290U20-1



S19-B290U20-1



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

THURSDAY, 16 MAY 2019 – AFTERNOON

1 hour 45 minutes

For Examiner's use only		
Question	Maximum Mark	Mark Awarded
1.	4	
2.	6	
3.	2	
4.	6	
5.	2	
6.	3	
7.	12	
8.	30	
9.	15	
<b>Total</b>	<b>80</b>	

**ADDITIONAL MATERIALS**

You may require a calculator and a ruler.

**INSTRUCTIONS TO CANDIDATES**

Use black ink or black ball-point pen.

Answer **all** questions in **Sections A** and **B**.

Write your answers in the spaces provided in this booklet. If you need more space, use the continuation page 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 necessity for good English and orderly, clear presentation in your answers.

Assessment will take into account the quality of written communication used in your answers.

**Section A**

*Answer all questions*

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1. Describe the process of peer review.

[4]

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2. Describe **two** ways in which psychologists manage the risk posed by ethical issues.

[3+3]

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3. Explain the difference between stratified sampling and quota sampling. [2]

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4. Explain when it would be appropriate to use the following inferential statistics:  
(a) Sign test. [3]

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(b) Mann Whitney U test. [3]

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5. Describe what is meant by the term 'standard deviation'. [2]

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(c) (i) Identify the experimental design used in this research.

[1]

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(ii) Explain **one** strength and **one** weakness of the experimental design used in this research.

[2+2]

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(iii) Identify and explain how **one** other experimental design could have been used in this research.

[1+2]

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(d) (i) Identify **one** graphical representation that could be used to display the results from this research. [1]

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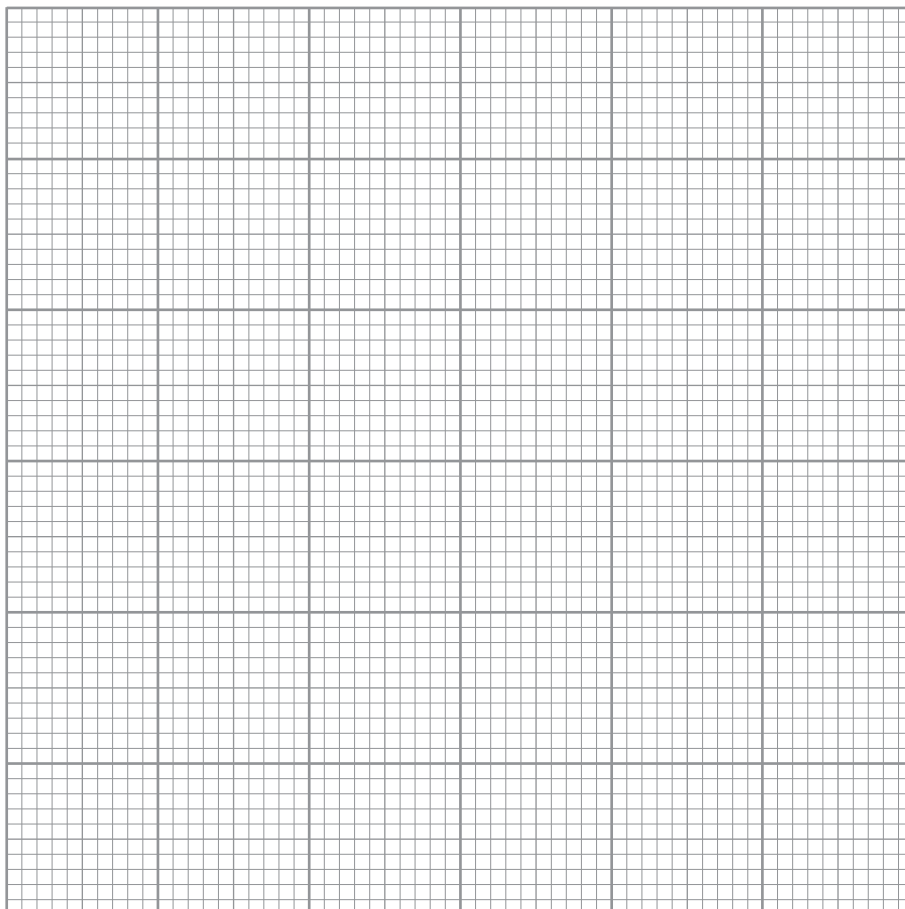
(ii) Explain why the graphical representation you have chosen in (d)(i) would be an appropriate way to display the results from this research. [2]

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(iii) Construct the graphical representation you have chosen in (d)(i) to display the results from this research. [4]





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(e) (i) Explain **one** issue of validity in this research. [2]

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(ii) Explain how you would deal with the issue of validity you have chosen in (e)(i). [2]

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A member of staff at the advertising company, who has studied AS Psychology, suggests that the company should conduct a semi-structured interview to investigate what would make consumers use a new brand of toothpaste.

(f) (i) Explain **one** strength of using a semi-structured interview in this research. [2]

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(ii) Explain **one** weakness of using a semi-structured interview in this research. [2]

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9. In 1999, a team of researchers wanted to investigate how often teenagers were behaving aggressively in T.V. dramas. They conducted a content analysis of T.V. dramas watched by teenagers. They wanted to investigate the amount of times there was a scene where a teenage character behaved aggressively. They analysed five episodes of the two most popular T.V. dramas: *'Head over heels'* and *'Rebellion'*.

	Episode 1	Episode 2	Episode 3	Episode 4	Episode 5	Mean
Head over heels	1	1	1	1	2	1.2
Rebellion	2	4	2	2	9	3.8

- (a) Explain **one** reason why a content analysis is an appropriate method to use in this research. [2]

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- (b) Give **one** conclusion that could be drawn from the mean scores. [2]

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- (c) Explain **one** strength of using the mean scores in this research. [2]

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