

Question number	Indicative content	Mark
5	<p>AO1 = 4 marks; AO2 = 4 marks; AO3 = 4 marks</p> <p>Markers must apply the descriptors in line with the general marking guidance (on pages 2–3).</p> <p>Due to the intrinsic links between the skills, if a response evidences performance against only one trait/skill it will be for demonstrating knowledge and understanding. An answer displaying qualities of AO1 only, cannot be awarded more than the top of Level 1, no matter how strong the performance is in AO1.</p> <p>AO1</p> <ul style="list-style-type: none"> • Natural experiments have a naturally occurring independent variable which is not manipulated by a researcher. • There is a dependent variable that is measured by the researcher to test the impact of the IV. • They take place in the real-life natural environments of the participants. • The researchers are unable to control for any extraneous variables that could affect the data they gather. <p>AO2</p> <ul style="list-style-type: none"> • Becker et al. (2002) tested the naturally occurring introduction of television in Fiji as the independent variable. • They could measure the impact of television on eating behaviours in 1998 against no television exposure in 1995. • There was no manipulation of the length of time that the girls were exposed to television for. • The girls in Becker et al. (2002) could have also had more access to other forms of media which have been an extraneous variable of the study. <p>AO3</p> <ul style="list-style-type: none"> • A naturally occurring IV can enable researchers to test variables that are sensitive and would otherwise be unethical to create artificially. • Becker et al. (2002) used standardised and objective measures such as the EAT-26 and BMI to help make sure their measure was comparable between the two samples. • There is high ecological validity in the findings of a natural experiment as the context and conditions of the IV are not artificially imposed by researchers. • Extraneous variables can confound the results of natural experiments, influencing the results and reducing the accuracy of the findings about the impact of television. 	(12)

Level	Mark	Descriptor
	0	No rewardable material.
Level 1	1–3	<ul style="list-style-type: none"> • Demonstrates limited knowledge and understanding of psychological processes and procedures, may not always be relevant (AO1). • Little or no application of psychological processes and procedures to the context (AO2). • Limited attempt to evaluate psychological processes and procedures. Little or no connections between the elements in the question, with unsupported, generic judgements. Limited conclusion that is not fully justified (AO3).
Level 2	4–6	<ul style="list-style-type: none"> • Demonstrates mostly accurate knowledge and understanding of relevant psychological processes and procedures (AO1). • Some application of psychological processes and procedures to the context but may be limited or lack relevance (AO2). • Some attempt to evaluate psychological processes and procedures but may draw on limited evidence. Mostly logical chains of reasoning, leading to judgements. Basic conclusion reached but may be superficial (AO3).
Level 3	7–9	<ul style="list-style-type: none"> • Demonstrates accurate and thorough knowledge and understanding of relevant psychological processes and procedures (AO1). • Relevant and accurate application of psychological processes and procedures to the context (AO2). • Sustained and accurate evaluation of psychological processes and procedures, supported with accurate evidence. Sustained and logical chains of reasoning, leading to relevant judgements with justified conclusion (AO3).
Level 4	10–12	<ul style="list-style-type: none"> • Demonstrates comprehensive and accurate knowledge and understanding of relevant psychological processes and procedures throughout (AO1). • Sustained relevant and accurate application of psychological processes and procedures to the context (AO2). • Comprehensive evaluation of psychological processes and procedures supported with accurate and thorough use of evidence. Sustained and logical chains of reasoning, leading to fully supported judgements with well-justified conclusion (AO3).