

## Scientific Processes (A2 Only) – Questions by Topic

### Q1.

Discuss **one or more** ethical implications of research in psychology. Refer to **at least one** topic you have studied in psychology in your answer.

(Total 8 marks)

### Q2.

In 1992, a book about human relationships was published in London. The book was written by Steve Duck from the University of Iowa. The title was 'Human Relationships'. The book was published by Sage.

A researcher needs to modify the above information to include Duck's book in the references section of a scientific report.

Write the full reference for this book as it should appear in the reference section of the researcher's report.

(Total 2 marks)

### Q3.

Briefly explain **one** reason why it is important for research to be replicated.

(Total 2 marks)

### Q4.

Psychologists sometimes use questionnaires to find out about stress. Explain **two** strengths of using questionnaires in research.

(Total 4 marks)

### Q5.

Briefly outline **two** problems that might arise when making generalisations on the basis of psychological research findings.

(Total 4 marks)

### Q6.

Outline what is meant by the term *peer review* in psychological research.

(Total 2 marks)

### Q7.

Explain why peer review is important in psychological research.

(Total 5 marks)

### Q8.

Psychologists sometimes use case studies to study children. One example was of a boy who was discovered at the age of six. He had been kept in a darkened room and had had

almost no social contact with people.

- (a) How could a psychologist maintain confidentiality when reporting a case study? (2)
- (b) Psychologists use a range of techniques to gather information in case studies.  
Outline **one** technique which the psychologist could use in this case study. (2)
- (c) Apart from ethical issues, explain **one or more** limitations of using case studies. (4)
- (Total 8 marks)**

**Q9.**

Explain what is meant by replicability. Why is replicability an important feature of science?  
(Total 5 marks)