Biological approach revision guide

**Genetics**

For each of the following questions, be able to do the following:

1. Think about which terms and/or theories would be necessary to define or explain.
2. Provide 2 - 3 studies that could be used to answer the question.
3. How would you demonstrate critical thinking relevant to the question?
4. How would different command terms lead to different responses? (SAQ: Outline, describe, explain); ERQ (Discuss, evaluate, contrast, to what extent)

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| **Question 1**.  Discuss the role of genes in **one** behaviour**.** |
| Key vocabulary / description of theory |  |
| Research  |  |
| Critical thinking |  |
| Different command terms | SAQs:  Outline, describe and explain; ERQs: To what extent, evaluate research. |

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| **Question 2.**  Discuss how genetic similarities help psychologists in the study of genes and behaviour.  |
| Key vocabulary / description of theory |  |
| Research  |  |
| Critical thinking |  |
| Different command terms | SAQs:  Outline, describe and explain; ERQs:  To what extent. |

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| **Question 3.**  Discuss **one** evolutionary explanation of **one** behaviour.  |
| Key vocabulary / description of theory |  |
| Research  |  |
| Critical thinking |  |
| Different command terms | SAQs:  Outline, describe and explain; ERQs: Evaluate |

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| **Question** **4**.  Discuss ethical considerations in the study of genes and behaviour. |
| Key vocabulary / description of theory |  |
| Research  |  |
| Critical thinking |  |
| Different command terms | SAQs:  Outline, describe and explain; ERQs: no other command term is possible |

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| **Question 5**.  Discuss the use of **one or more** research methods in the study of genes and behaviour. |
| Key vocabulary / description of theory |  |
| Research  |  |
| Critical thinking |  |
| Different command terms | SAQs:  Outline, describe and explain; ERQs: Evaluate, contrast |

As of the 2020 examination, this question may be asked **only** as an SAQ.

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| **Question 6**.  Explain the use of kinship studies in the study of inheritance of behaviour, making use of **one** study**.** |
| Key vocabulary / description of theory |  |
| Research  |  |
| Different command terms | Describe, outline.  This question may **not** be asked as an essay. |