

Forensic prep 2:

Biological explanations of offending behaviour

- An historical approach (atavistic form);
- Genetics and Neural explanations

Task 1: Biological explanation 1 - The atavistic form

Read about the Atavistic form in the pack, **then** complete the following (without the pack):

- a) Briefly describe Lombroso's view of criminals.
- b) Draw a picture of a 'Lombroso' criminal and label the key features he outlined as the 'Atavistic form'
- c) Lombroso categorized particular types of criminals. Give two examples.
- d) Outline Lombroso's study.

Task 2: Biological explanation 2 - Genetics and neural explanations

Read the information pack and the links below, **then** answer the following questions (without the pack/websites):

<http://www.tutor2u.net/psychology/reference/genetic-explanations-of-offending-behaviour>
<http://www.tutor2u.net/psychology/reference/neural-explanations-of-offending-behaviour>

1. Outline one twin study that has investigated genes and offending behavior.
2. What are the two candidate genes identified by Tihonen et al (2014).
3. Outline Brunner's research.
4. Name two brain structures that are said to play a role in offending behaviour.
5. Outline one study that has investigated brain structures and offending behaviour.
6. Why are lower serotonin levels said to be involved in offending behaviour?