**Diagnostic Listening Test**

1. Listen to the lecture “Genetics” once, and take notes. Make sure to employ appropriate short-hand techniques.
2. Answer the questions provided by the instructor. Give full answers.

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| **Notes** |

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| **Notes (Continued)** |

**Answer the questions, provide full answers:**

1. In your own words, briefly describe the meaning of “DNA,” and describe what it does (2 points)

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1. The humans share about 97% of their genes with which animal? (2points)

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1. According to the lecture, who is the father of modern genetics? (2 points)

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1. In your own words, define the word “genetics.” (2 points)

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1. According to the lecture, what word do we use to describe the passing of traits from one generation to the next? (2 points)

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1. In which two areas have humans long been interested in genetic engineering? (2 points)

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1. According to the lecture, which two subjects did Mendel use to study genetics? (2 points)

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1. Which plant was famously studied by Mendel in his research on genetics? (2 points)

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1. According to the lecture, why was a plant, and not animals, used to study genetics? (2 points)

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1. Accoring to the lecture, what are some examples of the ways a person’s environment affects their genetic predispositions? (2 points)

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Total: \_\_\_\_\_\_\_\_\_\_ / 20

LINK TO LISTENING TRANSCRIPT: TEACHER ONLY

<http://www.cengage.com/resource_uploads/static_resources/1133950574/47426/level3.html>

\*\*\*CD4, Track 3