

Name _____

Date ___/___/___

GENETICS

Genetic Engineering

Based on the tutorial: [Genetic Engineering: Advantages & Disadvantages](#)

I. Write **A** on the blank if it generally depicts the advantage of genetic engineering or **D** if a disadvantage.

- ___ 1. Crops exhibiting “superior” qualities
- ___ 2. A more straightforward process and therefore faster than selective breeding
- ___ 3. Food containing substances that may cause allergic reaction
- ___ 4. GMO crop plants passing the beneficial gene to a wild population
- ___ 5. GMO legumes fortified with more nutrients
- ___ 6. Genes of an animal transferred to a plant to express a desirable trait
- ___ 7. Faulty gene replaced with a functional gene
- ___ 8. Embryonic cells are cloned to grow biological organs
- ___ 9. Producing trees that absorb more carbon dioxide and reduce the threat of global warming.
- ___ 10. GMO crops that are drought-resistant
- ___ 11. Increasing genetic diversity by producing more alleles that can be implanted into other species
- ___ 12. Genetically-engineered sunflowers that can fend off certain insects transferred the gene to their weedy relatives.
- ___ 13. GMO disrupting the ecological balance of an ecosystem
- ___ 14. Cloning organisms on the brink of extinction
- ___ 15. May lead to outcomes that are abusive or ethically questionable