

SC.912.L.16.10 – Biotechnology – Example 6 Answer

Which technology below would probably be the most important to a person who had diabetes and had to take insulin every day?

- A. testing parents for genetic disorders before they have children**
- B. engineering fruits and vegetables that resist insects and other pests**
- C. developing ways to identify criminals through DNA fingerprinting**
- D. using recombinant DNA to produce human hormones from bacteria**

Answer

D. using recombinant DNA to produce human hormones from bacteria

Insulin is a hormone used to regulate blood sugar levels. It is essential to the correct functioning of the body. If bacteria can create insulin, this hormone will be easier for diabetics to get.