

CHAPTERS XX: DNA Technology

1. What is a transposable element? What is a transposon?

2. Describe potential problems caused by transposons.

3. What is the function of restriction enzymes in bacteria?

4. How do bacteria protect their DNA from the effects of the restriction enzymes?

5. How do biologists make use of restriction enzymes?

6. How are DNA fragments of different sizes separated?

7. What is meant by "recombinant DNA technology?"

8. What are plasmids?

9. Define biotechnology.

10. Describe the steps involved in **"cloning a gene"** using plasmids.

