

**Chapter 13 & 14**  
**Cloning, Recombinant DNA, and Biotechnology**

**Multiple Choice Questions**

1. Genetic engineering manipulates gene products at the level of:

- A. The protein
- B. Amino acids
- C. DNA**
- D. RNA
- E. Enzymes

Difficulty: Moderate

2. A molecule that consists of a piece of DNA from one organism combined with the DNA from a member of another species is called:

- A. Restricted DNA
- B. Recombinant DNA**
- C. Transgenic DNA
- D. Bioengineered DNA
- E. Mutant DNA

Difficulty: Moderate

3. In 1975, scientists convened in Asilomar, California and:

- A. Determined that restriction enzymes could cut DNA
- B. Created the first transgenic animals
- C. Reviewed the use of drugs produced by recombinant DNA technology
- D. Drew up guidelines to regulate recombinant DNA technology**
- E. Developed PCR for amplifying DNA

Difficulty: Difficult