

DNA, RNA & Protein Synthesis Web Practice

Multiple Choice

Identify the choice that best completes the statement or answers the question.

- _____ 1. Which of the following would be least likely to happen as a result of a mutation in a person's skin cells?
- skin cancer
 - reduced functioning of the skin cell
 - no change in functioning of the skin cell
 - the person's offspring have mutated skin
- _____ 2. Which series is arranged in order from largest to smallest in size?
- chromosome, nucleus, cell, DNA, nucleotide
 - cell, nucleus, chromosome, DNA, nucleotide
 - nucleotide, chromosome, cell, DNA, nucleus
 - cell, nucleotide, nucleus, DNA, chromosome

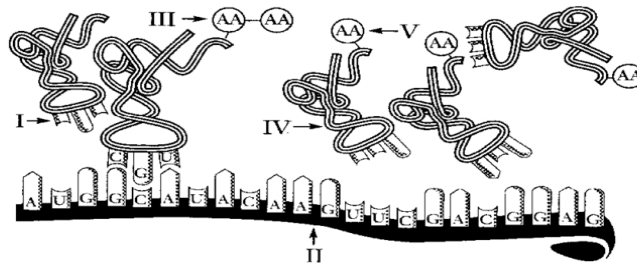


Figure 12-2

- _____ 3. In which part of the cell does this process shown in Figure 12-2 take place?
- in the nucleus
 - in food vacuoles
 - at the ribosomes
 - on the chromosome
- _____ 4. Structure III in Figure 12-2 represents a(n) _____.
- gene
 - amino acid
 - codon
 - DNA molecule
- _____ 5. The process illustrated in Figure 12-2 is called _____.
- translation
 - replication
 - monoploidy
 - transcription
- _____ 6. Which of the structures in Figure 12-2 are composed of RNA?
- II and IV
 - III and IV
 - I and V
 - III and V