

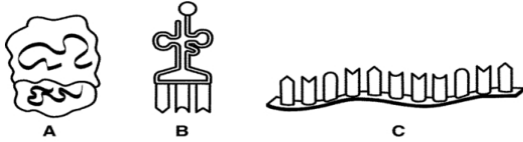
RNA and Protein Synthesis Quiz

Name _____

Period _____ NBpg# _____

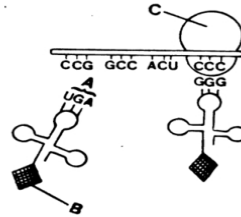
True or False. If the answer is False, change the underlined word(s) to make the statement true.

- _____ 1) The sugar found in RNA is called deoxyribose.
- _____ 2) The DNA molecule is double stranded and the RNA molecule is single stranded.
- _____ 3) The process of translation occurs at the ribosome.
- _____ 4) The job of mRNA is to pick up amino acids and transport them to the ribosomes.
- _____ 5) Transcription must occur before translation may occur.
- 6) In the figure below, A, B, and C are three types of _____.



Identify the labeled structures on the following diagram of translation.

- 7) Part A is the _____.
- 8) Part B is the _____.
- 9) Part C is the _____.



10) The sense strand of a DNA molecule is: C C C A C G T C T

The mRNA sequence from this DNA molecule is : _____

Use the amino acid chart on the last page to identify the amino acids from the mRNA sequence in problem # 10.

- 11) First amino acid: _____
- 12) Second amino acid: _____
- 13) Third amino acid: _____