

DNA, RNA, and Protein Synthesis Quiz

1. DNA and RNA differ in the following way(s):
 - a. DNA has a phosphate and RNA does not
 - b. DNA and RNA have different 5 carbon sugars
 - c. DNA and RNA have different nucleotides
 - d. All of the above
 - e. A and C
 - f. B and C

2. The function of messenger RNA (mRNA) is:
 - a. To bring a sequence of nucleotides from DNA to the ribosome
 - b. To bind RNA to the ribosome
 - c. To deliver amino acids to the ribosome
 - d. All of the above
 - e. None of the above

3. This process results in DNA being duplicated
 - a. Transcription
 - b. Translation
 - c. Replication
 - d. A and B

4. A sequence of three nucleotide bases on mRNA is called
 - a. Intron
 - b. Exon
 - c. Anticodon
 - d. Codon

5. The part of DNA that is transcribed to form mRNA
 - a. Intron
 - b. Exon
 - c. Anticodon
 - d. Codon

6. The nucleotide not found in DNA is
 - a. Adenine
 - b. Thymine
 - c. Guanine
 - d. Cytosine
 - e. Uracil