Discussion Group #2: Quiz

For the first three questions circle the ONE most appropriate answer(s)

1. (0.5 points) Of the 64 triplet codons, how many are used to signal the start site for protein translation?
   0 1 2 3

2. (0.5 points) A human gene is a particular sequence collection of what type of linked subunit?
   base deoxyribonucleotide amino acid ribonucleotide

3. (0.5 points) The process of turning DNA into RNA is known as:
   translation transportation transcription transduction

4. Fill in the missing words in the sentence below. (2.0 points total, 0.5 points each blank):
   Many genes found in eukaryotic organisms are composed of separate pieces known as exons and introns, the latter of which are subsequently removed by the process known as splicing.

5. (1.5 points total, 0.5 points each answer) There are three species of RNA involved in protein synthesis. Write down the type of RNA which is used for the tasks indicated below.
   transfer + RNA bind directly to amino acids
   messenger RNA encode the future protein
   ribosomal RNA are structural components of the ribosome