**Post-Transcriptional Modifications Handout**

**As you work your way through the post-transcriptional modifications lesson, answer the following questions to help you collect the relevant information.**

1. **What nucleotides make up a 5’ cap? What purpose does this serve?**
2. **How many adenosine nucleotides are added to the tail of the mRNA strand? What purpose does this serve?**
3. **What is splicing?**
4. **Explain how splicing works. Use the terms exons and introns.**