LS 11 **DNA, Protein Synthesis, Mutations Study Guide**

1. Know what Chargraff’s rule means.
2. Know what semi- conservative means and the importance.
3. Know the basic steps of Protein synthesis (Transcription and Translation), the components involved, the products made, where each step occurs.
4. Basic definitions
5. Write complementary strands of RNA or DNA from a given template.
6. Read a codon chart to write amino acids from an RNA strand.
7. Identify the different point mutations and describe the possible effects.
8. Identify chromosome mutations.