Bio bw 1-17-17

1. **What method does DNA replicate by? Semi- conservative**
2. **Which order does the central dogma go in?**
   1. **DNA, RNA, transcription, protein, translation**
   2. **RNA, protein, translation, transcription, DNA**
   3. **DNA, transcription, RNA, translation, protein**
   4. **DNA, translation, RNA, transcription, protein**

**1-18**

1. **What did Griffith prove? transformation**
2. **An ion must cross the cell membrane through active transport instead of passive transport when the ion is**
   1. **Negatively charged**
   2. **Carried across by a protein**
   3. **Going against the concentration gradient**
   4. **Too small to move independently**

**1-19**

1. **What are the three parts of a nucleotide? Phosphate, sugar, bases**
2. **Which statement best describes the primary function of DNA replication?**
   1. **To ensure daughter cells have a complete copy of the DNA**
   2. **To prevent mutations from occurring in the cells**
   3. **To provide genetic variation within specific organisms**
   4. **To allow prokaryotic cells to undergo meiosis**