

## Microscope Lab Question and Answer Sheet

*When providing the best possible answer to the following questions please apply all learned scientific techniques and procedures, do not use abbreviations, use proper scientific terminology, show work for all mathematical calculations, use all significant figure and scientific notation rules, apply S.E.E.C. writing strategies, and note that at all times spelling counts. Your ability to meet these and all established classroom expectations, including labeling of BINs, providing heading information, and your ability to follow directions may be included in computation of grade.*

1. Why should a microscope slide be held the edges?
2. Explain why a specimen to be viewed under a compound light microscope must be thin.
3. Which objective should be used first?
4. Which objective provides the greatest amount of magnification?
5. How does the lens and mirror system in a compound light microscopes change the orientation of a specimen when viewed through a microscope?
6. When observing a specimen through a microscope you observe the specimen move toward the bottom of the slide and then towards the right. How did the specimen actually move?

