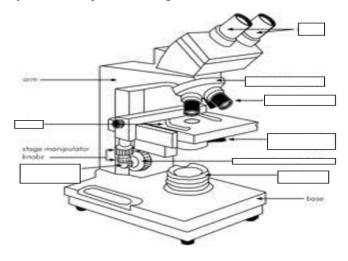
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 $\underline{\text{Lab} \# 6}$ – The $\underline{\text{Microscope}}$ – make sure you are familiar with the different parts of a light microscope and their function. Identify the different parts in the diagram below.



- 1. How do you determine the total magnification of the lenses in a light microscope?
- 2. What is meant by the term resolving power?
- 3. What is meant by the term field of view?
- 4. What objective lens gives you a larger field of view a high power objective or a low power one?
- 5. Describe how you would locate and focus on an object in the middle of a microscope slide.

What steps would you take to look at this object under higher power?