**Compound Light Microscope – Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: Feb 20, 2018**

**Page 538 of textbook – Learning the name, function, and location of each of the microscope’s parts necessary for proper use in the lab.**

1. Identify the functions of the following parts of a compound (light) microscope indicate below.

|  |  |
| --- | --- |
| **Parts of the Microscope** | **Function** |
| **stage** |  |
| **clips (stage clips)** |  |
| **diaphragm** |  |
| **objective lenses**low power objective lens (4X)medium power objective lens (10X)high power objective lens (40X) |  |
| **revolving nosepiece** |  |
| **body tube** |  |
| **ocular lens (eyepiece)** |  |
| **coarse-adjustment knob** |  |
| **fine-adjustment knob** |  |
| **condenser lens** |  |

1. Review procedures outlined for **preparing a wet mount on page 539**.
2. Practice Sheet - Label the following diagram using the list provided below (**utilize textbook page 538 if necessary**) in preparation for the onion lab soon.



A - medium power objective F - body tube K - base
B - coarse adjustment knob G - diaphragm L - stage clips
C - fine adjustment knob H - high-power objective M - stage
D - illuminator/light I - low-power objective N - arm
E - revolving nosepiece J - eyepiece or ocular O – condenser lens