Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Microscope License Test

# INSTRUCTIONS: Write your answers *on your answer sheet* in the blanks corresponding to each question.

##  (In blanks 1-13 on your answer sheet, label the names of microscope parts 1-13 of the diagram below.)


##  Answer questions 14- 25 below in blanks # 14-25 *on your answer sheet*.

1. The bottom of the microscope, used for support, is called the \_\_\_
2. When first examining a subject under the microscope, use the \_\_\_ power objective first.
3. The lens at the top of the microscope, through which you look, is the \_\_\_.
4. When focusing, use the \_\_\_ adjustment knob first.
5. A light source, used in place of a mirror, is called the \_\_\_.
6. The \_\_\_ hold the slide in place.
7. When carrying the microscope, hold it with two hands by the \_\_\_ and the base.
8. The \_\_\_ varies the amount of light which enters the objective lenses.
9. The \_\_\_ holds two or more lenses and can be rotated.
10. If the **eyepiece** of a compound microscope has a magnification of **10x**, and the **objective** **lens** which are using is **40x**, the **resulting magnification** of the specimen is \_\_\_.
11. **True or False**: The proper way to use a monocular microscope is to look through the eyepiece with one eye closed tightly.
12. When you **move your slide to the right**, the **image** you see under the microscope appears to mov

 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Microscope License Test (KEY)

# INSTRUCTIONS: Write your answers *on your answer sheet* in the blanks corresponding to each question.

##  (In blanks 1-13 on your answer sheet, label the names of microscope parts 1-13 of the diagram below.)


##  Answer questions 14- 25 below in blanks # 14-25 *on your answer sheet*.

1. The bottom of the microscope, used for support, is called the \_\_**BASE**\_
2. When first examining a subject under the microscope, use the \_\_**LOW**\_ power objective first.
3. The lens at the top of the microscope, through which you look, is the \_**EYEPIECE**\_\_.
4. When focusing, use the \_**COARSE**\_\_ adjustment knob first.
5. A light source, used in place of a mirror, is called the \_**ILLUMINATOR**\_\_.
6. The \_\_**STAGE CLIPS**\_ hold the slide in place.
7. When carrying the microscope, hold it with two hands by the \_**ARM**\_\_ and the base.
8. The \_\_**DIAPHRAGM**\_ varies the amount of light which enters the objective lenses.
9. The \_\_**NOSEPIECE**\_ holds two or more lenses and can be rotated.
10. If the **eyepiece** of a compound microscope has a magnification of **10x**, and the **objective** **lens** which are using is **40x**, the **resulting magnification** of the specimen is \_\_**400 X**\_.
11. **True or False**: The proper way to use a monocular microscope is to look through the eyepiece with one eye closed tightly. **FALSE**
12. When you **move your slide to the right**, the **image** you see under the microscope appears to move to the \_\_**LEFT**\_.

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Answer Sheet for Microscope License Test**

**1.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 14. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 15. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**3.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 16.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**4.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 17.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**5.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 18. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**6.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 19.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**7.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 20. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**8.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 21.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**9.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 22.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**1o.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 23.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**11.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 24.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**12.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 25. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**13. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

# Microscope License

## Name \_\_\_\_\_\_\_\_\_\_

## Class\_\_\_\_\_\_\_\_\_\_\_ PHOTO

**Date of Birth \_\_ / \_\_ / \_\_**

**Date Issued \_\_ / \_\_ / \_\_**