

Microscope Quiz

1. The lens that is within the eyepiece of the light microscope is called the:

- ☐ scanning
- ☐ low power
- ☐ high power
- ☐ ocular

2. The wheel under the stage that adjusts the amount of light is called the:

- ☐ coarse knob
- ☐ body tube
- ☐ stage clip
- ☐ diaphragm

3. To focus a specimen, it is best to start with which objective:

- ☐ high power
- ☐ low power
- ☐ scanning
- ☐ ocular

4. When using the high power objective, you should not adjust the:

- ☐ coarse focus
- ☐ fine focus
- ☐ diaphragm
- ☐ stage clips

5. On the image, which letter represents the objective?

- ☐ A
- ☐ B

- ☐ C
- ☐ E

6. On the image, which letter represents the coarse adjustment knob?

- ☐ B
- ☐ C
- ☐ D
- ☐ E

7. On the image, which letter represents the stage?

- ☐ A
- ☐ B
- ☐ AB
- ☐ E

8. On the image, which letter indicates the location of the diaphragm?

- ☐ C
- ☐ D
- ☐ E
- ☐ AC

9. The scanning, low, and high power objectives are mounted on the:

- ☐ revolving nosepiece
- ☐ stage
- ☐ body tube
- ☐ eyepiece

10. A microscope has a 4x ocular lens and a 10x objective, what is this microscope's total magnification?

- ☐ 4x
- ☐ 14x

- ☐ 40x
- ☐ 400x

Score =

Correct answers:

1. ocular
2. diaphragm
3. scanning
4. coarse focus
5. B
6. C
7. AB
8. AC
9. revolving nosepiece
10. 40x