

MICROSCOPE QUESTIONS

Instructions: Answer the following questions below regarding the parts and proper use of the microscope.

1. The bottom of the microscope, used for support: _____
2. When beginning, use the _____ power objective and be sure it is _____ into position.
3. The lens at the top that you look through: _____
4. When focusing, use the _____ adjustment first, then the _____ adjustment (if available).
5. A light source, used in place of a mirror: _____
6. Holds the slide in place: _____
7. When moving a microscope, hold it with two hands by the _____ and _____.
8. Varies the amount of light which enters the lenses: _____
9. Only clean lenses with special _____.
10. The lens closest to the object: _____ lens
11. Holds two or more lenses and can be rotated: _____
12. Supports the tube: _____
13. The platform on which you place the slide: _____
14. When focusing, first look at the slide from the _____ while you lower the lens until it almost _____ the slide, then look into the eyepiece and focus _____ only.
15. If the two lenses of a compound microscope are 10X and 40X, the total magnification will be _____ X.
16. The compound microscope was invented by _____ around the year _____.
17. The proper way to use a monocular microscope is to look through the eyepiece with one eye and keep the other eye _____.

