1. A micrometer is:

A. $10^{-2}$ m
B. $10^{-3}$ m
C. $10^{-6}$ m
D. $10^{-9}$ m
2. What is the shape of this bacterium?

A. bacillus  
B. coccus  
C. spiral
3. What is the reason for using immersion oil when viewing a slide at 1000X magnification?

A. The oil prevents the distortion seen at 1000X.
B. The oil magnifies the image.
C. The oil causes refraction of light.
4. When a 100X objective lens is used with a 10X ocular lens, the total magnification is:

A. 100X
B. 400X
C. 1000X
5. The first of an organism’s two scientific names in binominal nomenclature is called the ________ name.

A. kingdom
B. species
C. genus
6. A nanometer is:

A. $10^{-2}$ m  
B. $10^{-3}$ m  
C. $10^{-6}$ m  
D. $10^{-9}$ m
7. A milliliter is:

A. $10^{-2}$ m
B. $10^{-3}$ m
C. $10^{-6}$ m
D. $10^{-9}$ m