

## Biology Vocabulary Quiz 21

1. \_\_\_ Long-term resting state that is an adaptation to winter cold and food scarcity.  
A.isotonic solution B.meiosis C.messenger RNA D.hibernation
2. \_\_\_ A small, round cell structure containing chemicals that break down large food particles into smaller ones.  
A.isotonic solution B.lysosome C.lipids D.NADPH
3. \_\_\_ Thin layer of tissue that covers a surface, lines a cavity, or divides a space or organ.  
A.monosaccharides B.lysosome C.membrane D.lipids
4. \_\_\_ Simple sugars (glucose, fructose, galactose).  
A.messenger RNA B.monohybrid cross C.monosaccharides D.NADPH
5. \_\_\_ A relationship between two species in which both species benefit.  
A.hermaphrodite B.membrane C.monosaccharides D.mutualism
6. \_\_\_ Part of eukaryotic cell division during which the cell nucleus divides.  
A.isotonic solution B.mitosis C.hermaphrodite D.meiosis
7. \_\_\_ "Water-fearing"; pertaining to nonpolar molecules (or parts of molecules) that do not dissolve in water.  
A.meiosis B.hibernation C.hydrophobic D.monohybrid cross
8. \_\_\_ All of the chemical reactions that occur within an organism.  
A.membrane B.metabolism C.NADPH D.lysosome
9. \_\_\_ An organism that has both male and female reproductive organs.  
A.hermaphrodite B.metabolism C.mitosis D.hydrophobic
10. \_\_\_ Cell division that produces reproductive cells in sexually reproducing organisms.  
A.isotonic solution B.meiosis C.lysosome D.hibernation
11. \_\_\_ A solution in which the concentration of solutes is essentially equal to that of the cell which resides in the solution.  
A.meiosis B.isotonic solution C.hermaphrodite D.metabolism
12. \_\_\_ Energy-rich organic compounds, such as fats, oils, and waxes, that are made of carbon, hydrogen, and oxygen.  
A.monohybrid cross B.lysosome C.mitosis D.lipids
13. \_\_\_ An electron carrier involved in photosynthesis.  
A.NADPH B.messenger RNA C.monosaccharides D.membrane
14. \_\_\_ RNA molecule that carries copies of instructions for the assembly of amino acids into proteins from DNA to the rest of the cell.  
A.messenger RNA B.metabolism C.membrane D.isotonic solution
15. \_\_\_ A cross between individuals that involves one pair of contrasting traits.  
A.hermaphrodite B.hibernation C.mutualism D.monohybrid cross