

Do Now 2.5 Intro to blood

Name: _____

1. Which group of terms is in the correct order from most general to most specific?
 - a) species, phylum, genus, kingdom
 - b) genus, species, kingdom, phylum
 - c) kingdom, phylum, genus, species
 - d) phylum, kingdom, species, genus

2. *Ursus horribilis*, the scientific name for the grizzly bear, refers to the bear's
 - a) kingdom and phylum
 - b) kingdom and species
 - c) genus and phylum
 - d) genus and species

3. Based on their pattern of nutrition, most animals are classified as
 - a) autotrophic
 - b) heterotrophic
 - c) photosynthetic
 - d) phagocytic

4. Which is an example of an organic substance?
 - a) $C_6H_{12}O_6$
 - b) NH_3
 - c) H_2O
 - d) O_2

5. Which elements are present in all organic compounds?
 - a) hydrogen and oxygen
 - b) nitrogen and oxygen
 - c) nitrogen and carbon
 - d) hydrogen and carbon

6. A student reported that a wilted stalk of celery became crisp when placed in a container of ice water. The student then suggested that water entered the stalk and made it crisp. This suggestion is considered to be
 - a) a control
 - b) a hypothesis
 - c) an observation
 - d) a variable

7. Which organelle is primarily concerned with the conversion of potential energy of organic compounds into suitable form for immediate use by the cell?
 - a) mitochondria
 - b) centrosomes
 - c) ribosomes
 - d) vacuoules

8. A strand of DNA consists of thousands of smaller, repeating units known as
 - a) lipids
 - b) amino acids
 - c) nucleotides
 - d) polysaccharides

9. Which two bases are present in equal amounts in a double-stranded DNA molecule?
 - a) cytosine and thymine
 - b) adenine and thymine
 - c) adenine and uracil
 - d) cytosine and uracil

10. Within a cell, DNA is chiefly found in the
 - a) cell wall
 - b) plasma membrane
 - c) ribosomes
 - d) chromosomes