

Blackline Master Quizzes for *Core Biology: Microbiology and Genetics*
Blackline Master 1A Quiz

1. Anton van Leeuwenhoek's incredible discovery of the micro world would eventually lead to the science of
 - a. Germ theory
 - b. Genetics
 - c. Evolution
 - d. All of the above

2. Cells were given their name by
 - a. Anton van Leeuwenhoek
 - b. Robert Hooke
 - c. Gregor Mendel
 - d. None of the above

3. Protozoans, or heterotrophic unicells, survive by
 - a. Consuming other life
 - b. Photosynthesizing sunlight
 - c. Magic
 - d. All of the above

4. The single lens microscope was invented by
 - a. Galileo
 - b. Robert Hooke
 - c. Anton van Leeuwenhoek
 - d. Gregor Mendel

5. All known living things are made up of cells.
 - a. True
 - b. False

6. The founder of the laws of inheritance was
 - a. Anton van Leeuwenhoek
 - b. Robert Hooke
 - c. Louis Pasteur
 - d. Gregor Mendel

7. The discover of the germ theory of disease was
 - a. Gregor Mendel
 - b. Louis Pasteur
 - c. Robert Hooke
 - d. Anton van Leeuwenhoek

8. Specific microorganisms could be identified and correlated with each disease.
- True
 - False
9. Bacteria produce illnesses and do not help maintain the health of the planet or humans.
- True
 - False
10. Mitosis describes
- The phases of photosynthesis, turning sunlight and water into oxygen
 - The complex process by which cells gather nourishment from the blood stream
 - The phases that occur in cell division to insure that each daughter cell gets a complete set of genes
 - The degeneration of tissue after it dies
11. Humans have
- 24 chromosomes
 - 36 chromosomes
 - 48 chromosomes
 - 46 chromosomes
12. Genes are the carriers of
- Heredity
 - Pathogens
 - Blood
 - Food
13. Physical characteristics such as eye color are determined
- Chromosomes
 - Genes
 - Prokaryote cells
 - Eukaryote cells
14. Co-operation and competition are the major forces behind biological change and evolution.
- True
 - False