

1. From the definitions below, select the definition of the term anatomy.
 - a. The study of the functions of the body.
 - b. The study of the chemical substances in the body.
 - c. The study of the structure of the body.
 - d. The study of the systems of the body.

2. From the definitions below, select the definition of the term tissue.
 - a. A grouping of like cells working together.
 - b. The smallest living unit of body construction.
 - c. A group of organs working together.
 - d. A group of cells that have little in common.

3. From the functions below, select the function of the lymphatic system.
 - a. Protects the body from drying.
 - b. Returns protein and fluid from the various body tissues to the blood.
 - c. Manufactures hormones.
 - d. Provides nutrients to the arms and legs.

4. From the descriptions below, select the best description of cytoplasm.
 - a. Organelles that perform highly specialized functions in the cell.
 - b. A jelly-like substance that coats the outside of the cell membrane.
 - c. The part of the cell that makes DNA.
 - d. The fluid or semi-fluid substance contained inside the cell membrane, but outside the nucleus.

5. From the descriptions below, select the best description of mitochondria.
 - a. The site of cell reproductive activity.
 - b. The site of cell respiratory activity.
 - c. The part of the cell responsible for producing DNA.
 - d. The organelle responsible for monitoring the flow of water into the cell.

6. From the groups of components listed below, select the group(s) that contain(s) the components of a Ribonucleic acid nucleotide.
 1. deoxyribose
 2. a phosphate group
 3. ribose
 4. an electron of sodium
 5. a pair of unknown molecules
 6. an organic nitrogen-containing base
 - a. 1, 2, 3, and 4.
 - b. 2, 3, and 4.
 - c. 3, 5, and 6.
 - d. 2, 3, and 6.

SOLUTIONS TO EXERCISES, LESSON 1.

1. c

2. a

3. b

4. d

5. b

6. d

7. c

8. b

9. a

10. d

11. d

12. a

13. b

14. a

15. b

16. a

End of Lesson 1