

# Life Science Grade 7 Quiz

## Teacher's Answer Key

1. A microscope uses a \_\_\_\_\_ lens to make images appear larger. (convex)
2. \_\_\_\_\_ make up every living thing. (cells)
3. One way substances get into cells is called \_\_\_\_\_. (osmosis)
4. The part of a cell that allows substances to pass through are \_\_\_\_\_. (membranes)
5. \_\_\_\_\_ is the process where light energy is changed into chemical energy. (photosynthesis)
6. Mass and \_\_\_\_\_ are always conserved. (energy)
7. The DNA is located inside the \_\_\_\_\_ of a cell if present. (nucleus)
8. DNA is the \_\_\_\_\_ material that contains all the information about a \_\_\_\_\_. (genetic, cell)
9. \_\_\_\_\_ is a long molecule formed by two strands of \_\_\_\_\_. (DNA, genes)
10. The \_\_\_\_\_ is the supporting structure of your body. (skeleton)
11. \_\_\_\_\_ are involuntary responses you can't control, but are there for your \_\_\_\_\_.  
(Tendon reflex, survival)
12. Not all \_\_\_\_\_ are the same strength, because groups are designed for different and specific functions. (muscles)
13. In your fingers, you have \_\_\_\_\_ which can detect touch, pressure, texture, and more. (receptors)
14. Being exposed to high \_\_\_\_\_ causes your skin's pores to open up and release sweat onto your body which helps cool you off by the process of \_\_\_\_\_. (temperature, evaporation)
15. Digestion starts in your \_\_\_\_\_ as soon as you start to \_\_\_\_\_. (mouth, chew)
16. The \_\_\_\_\_ has \_\_\_\_\_ different receptors for over 10,000 different types of tastes.  
(tongue, four)
17. A \_\_\_\_\_ is a scientific instrument used to amplify sounds like your heart and lungs. (stethoscope)
18. When you exercise, your body requires more \_\_\_\_\_ in order to burn the fuel stored in your \_\_\_\_\_. (oxygen, muscles)
19. Oxygen is moved through the body by \_\_\_\_\_. (red blood cells)
20. Both food and air enter your body through the mouth, but food to the gastrointestinal tract through the \_\_\_\_\_ and air travels to the lungs through the \_\_\_\_\_. (esophagus, trachea)
21. Cells in your body use oxygen and \_\_\_\_\_ is produced as a waste material, which is carried by \_\_\_\_\_. (carbon dioxide, red blood cells)
22. The wavelike movement of muscles that move food through your gastrointestinal tract is called \_\_\_\_\_. (peristalsis)
23. The way smells move through the air is called \_\_\_\_\_. (diffusion)
24. The optic nerve in your eye is like a data cord that is plugged into the back of each eye and connects to your brain, and where it plugs into the eye creates a \_\_\_\_\_. (blind spot)
25. There are two different light \_\_\_\_\_ in the back of the eyeball, called \_\_\_\_\_ (which detect black, white and gray) and \_\_\_\_\_ (which see color). (receptors, rods, cones)
26. Sound is \_\_\_\_\_ that are vibrating. (molecules)
27. The external part of the ears that detect sound first are called the \_\_\_\_\_. (pinna)
28. \_\_\_\_\_ provide information about our environment by being the wires that carry signals from the skin to the brain. (nerves)
29. \_\_\_\_\_ is sterile although it contains hundreds of different kinds of waste from the body. (urine)
30. Sound vibrations vibrate the \_\_\_\_\_ which in turn vibrate the \_\_\_\_\_ and then the \_\_\_\_\_. (tympanic membrane, ossicles, cochlea)

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## Student Quiz Sheet

Name \_\_\_\_\_

Fill in the blank:

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