**ASVAB General Science Practice Test**

**Q1. The basic unit of life is**

* A. the cell.
* B. DNA.
* C. the carbon molecule.
* D. oxygen.

**Answer \_\_**

**Q2. When a plant undergoes photosynthesis, one of the by-products is**

* A. carbon dioxide.
* B. light.
* C. ozone.
* D. oxygen.

**Answer \_\_**

**Q3. Why is the nucleus so important to a living cell?**

* A. It controls the production and elimination of cell waste.
* B. It controls most of the activities of the cell.
* C. It controls photosynthesis.
* D. It uses oxygen to make carbon dioxide.

**Answer \_\_**

**Q4. Which of the following do not have organelles?**

* A. Muscle cells
* B. Protozoa
* C. Nerve cells
* D. Bacteria

**Answer \_\_**

**Q5. Which of the following is not an example of a fruit?**

* A. Raspberries
* B. Sunflower seeds
* C. Corn
* D. Potato

**Answer \_\_**

**Q6. Which of the following terms can be used to describe a bird?**

* A. Invertebrate, omnivore
* B. Vertebrate, warm-blooded
* C. Endoskeleton, cold-blooded
* D. Crustacean, endoskeleton

**Answer \_\_**

**Q7. Why are decomposers important to an ecosystem?**

* A. They make nutrients available for plants to use.
* B. They create soil for farming.
* C. They stabilize the soil.
* D. They enhance the habitat with specialized particles important to life.

**Answer \_\_**

**Q8. Which of the following is the part of the skeletal system that protects the spinal cord?**

* A. Marrow
* B. Cartilage
* C. Ligaments
* D. Vertebrae

**Answer \_\_**

**Q9. A bruise on your skin is the result of which of the following?**

* A. Excess strain on the muscle
* B. Broken capillaries
* C. Overactive sweat glands
* D. Swelling

**Answer \_\_**

**Q10. The function that moves food from one part of the digestive system to another is called**

* A. respiration.
* B. digestion.
* C. mechanical decomposition.
* D. peristalsis.

**Answer \_\_**

**Q11. Which of the following words are all associated with the nervous system?**

* A. Nephrons, urethra, bladder
* B. Antigens, T cells, cilia
* C. Hypothalamus, pons, cortex
* D. Lymph nodes, spleen, tonsils

**Answer \_\_**

**Q12. Which of the following is the name for the space between two nerve cells where an electric charge transmits information?**

* A. Nerve cell gap
* B. Synapse
* C. Axon
* D. Dendrite

**Answer \_\_**

**Q13. Which of the following states is likely to have the greatest biodiversity?**

* A. North Dakota
* B. Illinois
* C. Nebraska
* D. Florida

**Answer \_\_**

**Q14. Which of the following best represents what happens to ultraviolet radiation from the sun when it reaches Earth’s atmosphere?**

* A. It changes into chlorofluorocarbons.
* B. Some of it is absorbed by the ozone layer.
* C. All of it reaches Earth’s surface.
* D. It is deflected back into space.

**Answer \_\_**

**Q15. Which of the following properties of a sound wave affects how loud or soft the sound is?**

* A. Crest
* B. Trough
* C. Frequency
* D. Amplitude

**Answer \_\_**

**Q16. The major force causing sea-floor spreading, continental drift, and the collision of continental plates is**

* A. subduction of Earth’s core.
* B. creation of oceanic ridges.
* C. compression of continents.
* D. convection currents in the mantle.

**Answer \_\_**

**Q17. When two tectonic plates converge and one rises above the other, which of the following are likely to form?**

* A. Volcanoes
* B. Hot spots
* C. Tsunamis
* D. Rifts

**Answer \_\_**

**Q18. Breaking waves or breakers that occur near the shoreline are caused by which of the following conditions?**

* A. Earthquakes that occur far out in the ocean
* B. Friction between the wave trough and the ocean bottom
* C. The expansion of the wavelength of the wave
* D. Increasing tidal forces

**Answer \_\_**

**Q19. How long does it take for Earth to make one revolution around the sun?**

* **A. 1 year**
* **B. 1 month**
* **C. 1 week**
* **D. 1 day**

**Answer \_\_**

**Q20. An eclipse of the sun occurs under which of the following conditions?**

* A. Earth is between the sun and the moon.
* B. Earth is rotating faster than the moon.
* C. Earth, the sun, and the moon are perpendicular to each other.
* D. The moon is between the sun and Earth.

**Answer \_\_**

**Q21. Earth’s greenhouse effect is caused by which of the following conditions?**

* A. Changing rainfall patterns from global warming
* B. Heat from the sun that is trapped by atmospheric gases
* C. The increase in the thickness of the ozone layer
* D. The number of plants in tropical rainforests trapping CO2

**Answer \_\_**

**Q22. Which of the following can hold the most moisture?**

* A. Cold air
* B. Moving air
* C. Stable air
* D. Warm air

**Answer \_\_**

**Q23. When a prevailing wind reaches a mountain range, what happens to the air?**

* A. It is blocked and starts to move backward.
* B. It rises and cools, causing condensation.
* C. It expands and heats, resulting in rain.
* D. It expands and heats, resulting in a dry, desertlike area.

**Answer \_\_**

**Q24. The process of erosion is linked to the formation of which of the following types of rocks?**

* A. Igneous
* B. Extrusive
* C. Sedimentary
* D. Metamorphic

**Answer \_\_**

**Q25. Scientists believe that the universe is expanding because of which of the following indicators?**

* A. The difference in time it takes for light from various stars to reach us
* B. The red shift in the spectra of stars
* C. The difference in chemical composition of various stars
* D. The explosion of supernovas

**Answer \_\_**

**Answer Keys and Explanation Link (URL)**

[**https://gotestprep.com/asvab-general-science-practice-test/**](https://gotestprep.com/asvab-general-science-practice-test/)