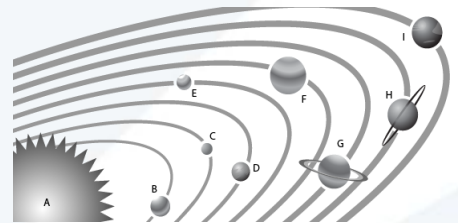


1. Force is \_\_\_\_\_.
  - a. **the push or pull on an object**
  - b. when an object changes position
  - c. a model built by an engineer
  - d. a force that works against motion
2. Cooled lava on Earth's surface turns into \_\_\_\_\_.
  - a. **magma.**
  - b. sedimentary rock.
  - c. metamorphic rock.
  - d. igneous rock.
3. Which of the following is considered an invisible force?
  - a. Gravity
  - b. Friction
  - c. Air resistance
  - d. **All of the above**
4. The measure of how hot or cold something is called \_\_\_\_\_.
  - a. density
  - b. **temperature**
  - c. volume
  - d. solid
5. The path Earth makes around the Sun is called the \_\_\_\_\_.
  - a. axis.
  - b. rotation.
  - c. counterclockwise.
  - d. **orbit.**
6. The length of daylight and darkness varies depending on the.....?
  - a. weather
  - b. precipitation
  - c. climate
  - d. **season**
7. "F" on the solar system diagram represents which planet?
  - a. Saturn
  - b. **Jupiter**
  - c. Neptune
  - d. Mercury
8. "H" on the solar system diagram represents which planet?
  - a. Saturn
  - b. Jupiter
  - c. Neptune
  - d. **Uranus**
9. The Sun is highest in the sky. Daytime is the longest. Which season am I?
  - a. Fall
  - b. Winter
  - c. Spring
  - d. **Summer**



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10. When an object spins on its axis, it \_\_\_\_\_.

- a. vibrates
- b. revolves
- c. **rotates**
- d. explodes

11. An environment's biotic and abiotic factors interact to make a(n)\_\_\_\_\_.

- a. habitat.
- b. **ecosystem.**
- c. niche.
- d. resource.

12. Animals that help break down the dead organisms that fall to the ground are\_\_\_\_\_.

- a. **decomposers**
- b. consumers
- c. scavengers
- d. producers

13. Which of the following should go in the blank space below?

Biotic factors - pine trees, squirrels, bacteria  
Abiotic factors - light, water,

- e. **soil**
- f. ferns
- g. worms
- h. cacti



14. Several species living and interacting with other species in an ecosystem is a(n)\_\_\_\_\_.

- a. population.
- b. **community.**
- c. environment.
- d. ecosystem.

15. The movement of an animal from one place to another as the seasons change is?

- a. pollination
- b. **migration**
- c. hibernation
- d. decomposition

16. Which of the following best describes the types of things that make up an ecosystem?

- a. **all living and non-living things**
- b. only living things
- c. humans and animals
- d. plants only

17. Which organism would most likely come between the grass and the snake in a prairie food chain?



- a. **rabbit**
- b. wheat
- c. coyote
- d. clover

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18. A system that includes all the bones in the body is called?

- a. joint.
- b. **skeleton.**
- c. torso.
- a. skull



23. Which of the following has gone through a chemical change?

- a. torn paper
- b. chopped wood
- c. broken window
- d. **cooking pancakes**

19. Where does digestion start?

- a. **mouth**
- b. small intestine
- c. large intestine
- d. stomach

24. The particles of matter making up a \_\_\_\_\_ are packed together tightly.

- a. piece
- b. liquid
- c. gas
- d. **solid**

20. What does your body need that it gets from air?

- a. carbon dioxide
- b. **oxygen**
- c. nitrogen
- d. H<sub>2</sub>O

25. Which of the following BEST describes a liquid??

- a. **Particles slide past each other.**
- b. Particles stay near their neighbours.
- c. Particles are arranged in a pattern.
- d. Particles bounce away from each other.

21. Which term describes physical substances that occupy space and have mass?

- a. liquid
- b. properties
- c. **matter**
- d. volume

26. Water freezes at \_\_\_\_\_ degrees Fahrenheit and \_\_\_\_\_ degrees Celsius.

- a. 32 & 100
- b. **212 & 100**
- c. 32 & 0
- d. 212 & 0

22. Evaporation is a phase change from a \_\_\_\_\_ to a \_\_\_\_\_.

- a. gas; liquid
- b. **liquid; gas**
- c. solid; gas
- d. solid; liquid

27. A combination of two or more types of matter that keep their original chemical properties is called a(n)?

- a. **mixture**
- b. solution
- c. alloy
- d. chemical reaction

28. What is the name of a mixture of two or more metals?

- a. **alloy**
- b. rust
- c. tarnish
- d. base

29. What happens when salt is added to ice?

- a. The temperature of the mixture rises.
- b. **The temperature of the mixture drops.**
- c. Nothing happens.
- d. The ice changes color.

30. To change from a liquid into a solid is to \_\_\_\_\_.

- a. fluid
- b. solidify
- c. melt
- d. **freeze**