1. Which list contains only things that are part of our solar system?
   A. planets, moons, comets    C. black holes, novas, stars
   B. galaxies, quasars, asteroids D. clusters, asteroids, meteors
   E. N. O. T.

2. Glass is chemically related to what mineral?
   A. Flourite     B. Quartz     C. Pyrite     D. Halite
   E. N.O.T.

3. The energy content of food is measured in ________.
   A. ounces     B. degrees     C. grams     D. Calories
   E. N.O.T.

4. Which of the following can be cloned?
   A. Animals     B. Plants     C. Fungi     D. All of these
   E. N.O.T.

5. For elements listed in the same columns of the periodic chart, which property increases moving from top to bottom?
   A. concentration     B. half-life     C. atomic weight     D. hardness
   E.N.O.T.

6. The Northern Hemisphere has fewer daylight hours than the Southern Hemisphere during ________.
   A. vernal equinox     B. summer solstice     C. winter solstice     D. autumnal equinox
   E. N.O.T.

7. Lanthanides are ________.
   A. shiny and reactive     B. nonmetals     C. part of Period 5     D. all of the above
   E. N.O.T.

8. A ________ is a combination of two or more substances that are not chemically combined.
   A. solution     B. element     C. mixture     D. pure substance
   E. N.O.T.

9. Which of the following foods has the most carbohydrates?
   A. cereal     B. fish     C. oil     D. pork
   E. N.O.T.

10. The clear jelly in the center of the eyes is the ________.
    A. sclera     B. conjunctiva     C. choroid     D. vitreous humor
    E. N.O.T.

11. ________ is a disorder in which an irregularly shaped cornea or lens causes light rays to focus unevenly on the retina.
    A. Myopia     B. Farsightedness     C. Astigmatism     D. Colorblindness
    E. N.O.T.

12. Scurvy, the slow healing of wounds, bleeding gums, and loose teeth, is caused by a deficiency in Vitamin ________.
    A. A     B. B     C. C     D. D
    E. N.O.T.
13. The ________ is a large organ that secretes bile, filters the blood and stores carbohydrates.
A. liver  B. gall bladder  C. pancreas  D. duodenum  E. N.O.T.

14. Suppose that at dawn the relative humidity is 100%. Assuming that the actual amount of water in the air does not change, what will happen to the relative humidity as it warms up?
A. It will decrease.  C. It will not change.  E. N.O.T.
B. It will increase.  D. It depends.

15. The appendages that connect to the axial skeleton make up the ________ skeleton.
A. cervical  B. thoracic  C. appendicular  D. axial  E. N.O.T.

16. Winds near the equator are called ________.
A. horse latitudes  C. doldrums  E. N.O.T.
B. trade winds  D. prevailing westerlies

17. The muscle that raises the shoulder is the ________.
A. extensor carpi  B. tibialis anterior  C. trapezius  D. splenius  E. N.O.T.

18. If your blood type is O, you can receive a blood transfusion from blood type ________.

19. Of the following, the materials that can serve as condensation nuclei are particles of ________.
A. salt, dust, and smoke  C. salt and water vapor  E. N.O.T.
B. salt, acids, and water vapor  D. water vapor, smoke, and acids

20. In ________, immature white blood cells multiply too rapidly and crowd out mature white cells.
A. Hodgkin's  B. diabetes  C. melanoma  D. leukemia  E. N.O.T.

21. Brass is a(n) ________ of zinc and copper.
A. element  B. alloy  C. medallion  D. metalloid  E. N.O.T.

22. A process that produces energy without using any oxygen is ________.
A. respiration  B. carbonation  C. fermentation  D. paleozonation  E. N.O.T.

23. The lithosphere is ________.
A. near the center of the Earth  C. hot and molten  E. N.O.T.
B. made up of iron and nickel  D. cool and rigid

24. Upward movement of molten material from the mantle at a boundary between an oceanic and a continental plate may form either ________ mountains.
A. plutonic or folded  C. folded or fault-block  E. N.O.T.
B. volcanic or folded  D. plutonic or volcanic
25. The Babylonian calendar was based on
A. seeing the star Sirius       C. the phases of the moon   E. N.O.T.
B. movements of the sun        D. the movements of the planets

26. Differences in air pressure produce
A. rain                  C. wind             D. jet stream   E. N.O.T.
B. fronts                

27. Most earthquake damage is caused by
A. primary                C. surface          D. tidal        E. N.O.T.
B. secondary              

28. The direct transfer of heat from particle to particle is
A. conduction             B. convection       C. radiation     D. transformation   E. N.O.T.

29. In the medical community, the prefix “nephrotic” means (ex. Nephrotic)
A. tumor                  B. chest             C. liver         D. kidney        E. N.O.T.

30. Humans first landed on the moon in

31. What device was developed by Jacques Cousteau that is used to allow people to move around and breathe under water?
A. bathyscaphe             B. submarine        C. scuba          D. diving suit   E. N.O.T.

32. The great distance over which the wind blows across an entire ocean is called the
A. fetch                  B. breaker          C. surge          D. ditch          E. N.O.T.

33. A system of ideas, or ideas based on making comparisons with familiar things to help illustrate or explain an idea is a(n)
A. model                       B. conceptual model      C. hypothesis     D. prediction   E. N.O.T.

34. The following describes a liquid scatters light, particles pass through a filter without leaving a residue.
A. solution                 B. compound       C. suspension     D. colloid     E. N.O.T.

35. The curved path traveled by a thrown baseball is known as
A. projectile velocity      B. projectile motion
C. terminal velocity        D. terminal motion

36. Fish with long, thin bodies are more likely found in
A. a stream                 B. standing water  C. an ocean      D. a lake      E. N.O.T.

37. An organism’s behavior is made up of all its
A. adaptations              B. structures     C. actions      D. instincts   E. N.O.T.
38. Flowering plants that have only two cotyledons, such as beans, are called __________.
   A. monocots    B. dicots    C. cones    D. deciduous    E. N.O.T.

39. All of the following are tracheophytes except __________.
   A. angiosperms    B. bryophytes    C. ferns    D. gymnosperm    E. N.O.T.

40. Diseases that are not caused by microorganisms are called __________ diseases.
   A. infectious    B. noninfectious    C. nonmicroscopic    D. passive    E. N.O.T.

41. The farthest objects that have been found in the universe are __________.
   A. pulsars    B. quasars    C. supernovas    D. black holes    E. N.O.T.

42. Which of the following is a physical property that describes the way the surface of a mineral reflects light?
   A. luster    B. streak    C. heft    D. cleavage    E. N.O.T.

43. The largest deposits of humus would most likely be found in __________ soil.
   A. desert    B. mountain    C. tundra    D. grassland    E. N.O.T.

44. Which of the following clouds is most likely to be accompanied by rain?
   A. altocumulus    B. altostratus    C. cirrus    D. cumulus    E. N.O.T.

45. A seismic profile of the continental slope is likely to reveal a __________.
   A. trench    B. submarine    C. trombolos    D. abyssal plain    E. N.O.T.

46. Which unit measures the amount of electrical energy used?
   A. current    B. kilowatt/hour    C. voltage    D. chips    E. N.O.T.

47. Which term means that a tornado has been seen in the area?
   A. a lightning flash    B. a low anemometer reading    C. a tornado watch    D. a tornado warning    E. N.O.T.

48. Blood is an example of a(n) __________.
   A. cell    B. tissue    C. organ    D. organ system    E. N.O.T.

49. All parts of an experiment are compared against the __________.
   A. variable    B. control    C. measurements    D. conclusions    E. N.O.T.

50. Cone-bearing plants are pollinated by __________.
   A. the wind    B. water    C. bees    D. birds    E. N.O.T.
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