7th Grade Science Final TEST

Modified True/False
Indicate whether the statement is true or false. If false, change the identified word or phrase to make the statement true.

____ 1. When it is fall in North America, it is summer in South America. _____

____ 2. We know the Earth is a sphere because it casts a straight shadow on the Moon during a lunar eclipse. _____

____ 3. Craters are useful for determining the age of the surface of the Moon. _____

____ 4. Seismographs measure earthquakes and moonquakes. _____

____ 5. AU stands for asteroid unit. _____

____ 6. The Moon takes about 27 days to revolve once on its axis. _____

____ 7. When the Moon phases are waning, they are growing in size. _____

____ 8. The full Moon becomes dark during a solar eclipse. _____

____ 9. The distance between Jupiter and the Sun is referred to as one astronomical unit. _____

____ 10. The inner planets include Mercury, Venus, Earth, and Mars. _____

____ 11. Humans should get most of their energy from the fats they eat. _____

____ 12. Muscle contractions in the large intestine are faster than those in the small intestine. _____

____ 13. Homeostasis is the process by which the smooth muscles of the esophagus move in wave to carry food to your stomach. _____

____ 14. Bacteria in the large intestine aid digestion. _____

Multiple Choice
Identify the choice that best completes the statement or answers the question.

____ 15. Most likely, ____ were formed when lava from the Moon's interior flooded bowl-like regions on the Moon's surface.
a. maria
b. highlands
c. craters
d. basins

____ 16. ____ is a force that attracts all objects toward each other.
a. Gravity
b. Distance
c. Density
d. Mass

____ 17. Earth spins on its axis, and one rotation takes about one ____.

a. hour
b. week
c. day
d. year

____ 18. The imaginary line drawn from the north geographic pole to the south geographic pole is called Earth's ____.
a. rotation
b. hemisphere
c. equator
d. axis

____ 19. ____ causes Earth to have day and night.
a. Revolution
b. Gravity
c. Rotation
d. Equinox

____ 20. More than 99 percent of all the matter in our solar system is contained in the ____.
a. Kuiper Belt
b. Sun
c. Oort cloud
d. asteroid belt

____ 21. A(n) ____ is a large could of gas, ice, and dust.
a. nebula
b. asteroid belt
c. Oort cloud
d. crater

____ 22. The phase of the Moon that you cannot see is ____.
a. Axons
b. new moon
c. full moon
d. third quarter

____ 23. The longest day of the year in the northern hemisphere is the ____.
a. summer solstice
b. spring equinox
c. winter solstice
d. fall equinox

____ 24. During an equinox, the Sun is directly above Earth's ____.
a. axis
b. equator
c. northern hemisphere
d. southern hemisphere

____ 25. Depressions on the Moon formed by large meteorites are called ____.
a. maria
b. mountains
c. craters
d. highlands

____ 26. It takes the Moon 27.3 days to rotate ____ on its axis.
a. once
b. twice
c. three times
d. four times

____ 27. It takes the Moon the same amount of time to orbit Earth once as it does to rotate ____ on its axis.
a. once
b. twice
c. three times
d. tour times

____ 28. Venus's surface temperature is ____ than Earth's surface temperature.
a. cooler
b. much cooler
c. hotter
d. none of these

____ 29. When Earth moves into the Moon's shadow, the result is a ____ eclipse.
a. total
b. solar
c. gravitational
d. lunar

____ 30. When the Sun, the Moon, and ____ line up, a lunar eclipse occurs.
a. stars
b. Mars
c. Earth
d. Venus

____ 31. Moon ____ provide clues about the formation of the Moon.
a. shadows
b. rocks
c. satellites
d. phases

____ 32. Asteroids, the Sun, planets, comets, and other objects form the ____.
a. atmosphere
b. gravitational system
c. solar system
d. Earth system

____ 33. The inner planets are also called ____ planets.
a. gaseous
b. solar
c. solar
d. terrestrial

____ 34. Mars is sometimes referred to as the ____ planet.
a. red
b. rocky
c. wet
d. dry

____ 35. The largest planet in the solar system is ____.
a. Venus
b. Earth
c. Saturn
d. Jupiter

____ 36. ____ of the gaseous giant planets have ring systems.
a. None
b. Two
c. Three
d. All

____ 37. A meteor that falls to Earth is called a(n) ____.
a. asteroid
b. meteoroid
c. meteorite
d. comet

____ 38. Of the following, which is NOT a vascular plant?
a. moss
b. pine tree
c. fern
d. horsetail

____ 39. Ancient seedless plants compacted and eventually turned into the ____ we use today.
a. coal
b. oil
c. minerals
d. rubber

____ 40. Of following, which is NOT an adaptation plants made to life on land?
a. cell walls
b. a cuticle
c. more complex reproduction
d. cell membrane

____ 41. Of the following, which is NOT a characteristics of plants?
a. have cell walls
b. have roots
c. range in height
d. live only on land

____ 42. Scientists think that plants evolved directly from ____.
a. animals
b. mosses
c. bacteria
d. green algae

____ 43. Nonvascular plants include ____.
a. ferns and horsetails
b. horsetails and mosses
c. liverworts and ferns
d. mosses and liverworts

____ 44. Nonvascular plants have all of the following EXCEPT ____.
a. flowers
c. spores