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Abune Gorgorios Schools Lebu Branch

G. SCIENCE MODEL Q. AGSL G8

I. Choose the correct answer from the given alternatives and write the letter of your choice on the space provided

_____1. Which chambers of heart pump blood to the body?

A. Left atrium C. Right atrium

B. Left ventricle D. Right ventricle

_____2. In a food chain consisting of Grass → Grass hopper → Frog → Snake which group have the least amount of energy?

A. Frog B. Grass C. Snake D. Grass hoper

_____3. The soil with low water retention capacity is

A. loam B. clay C. sandy D. A&B

_____4. Which one of the following branches of biology that deals about the relation between organism and their environment?

A. cytology B. Ecology C. Genetics D. Taxonomy

_____5. Which one of the following feeds on primary consumes?

A. producer C. primary consumer

B. secondary consumer D. Tertiary consumer

_____6. A complex food relationship showing food transfer from producer to consumer is called.

A. food chain B. food web C. consumer D. food

_____7. Which type of soil is difficult to plough during wet (rainy) season?

A. clay soil B. loam soil C. sandy soil D. silt soil

_____8. Commensalism is one of the symbiotic relationships between two organisms which of the following shows their correct association

A. organism A(t) and organism B(0)

B. organism A(t) and organism B(+)

C. organism A(t) and organism B(-)

D. organism A(o) and organism B(o)

____9. One of the following natural resource cannot be easily replaced, once it used ?

A. water B. tree C. Gold D. wind

____10. Which of the following incorrect description of loam soil?

A. It has well aerated

B. It has plenty of moisture

C. It has highest water retention capacity

D. It is suitable for farming

____11. All are dwarf planets except:

A. Pluto B. Ceres C. Eris D. Earth

____12. Which planet is the least and the largest planet of the solar system respectively?

A. Mercury and Jupiter C. Earth and Venus

B. Mercury & Saturn D. Saturn and Earth

____13. A large number of small objects that revolve around the sun is

A. Comets B. Asteroids C. Meteors D. Stars

____14. Which of the following is unique feature of outer planets?

A. they have low mass C they are made of rock

B. they have high densities D. they have large diameter

____15. Which planet is longest revolution time?

A. Mercury B. Venus C. Saturn D. Neptune

_____16. Which planet leads to have the longest time taken to make one complete rotation around the sun?

A. Earth B. Jupiter C. Neptune D. Venus

_____17. Which planet has more moons?

A. Earth B. Mass C. Jupiter D. Saturn

_____18. Which plane have the highest temperature?

A. Venus B. Earth C. mass D. Jupiter

_____19. All are planets revolve around the sun except.

A. Meteors B. Saturn C. Mercury D. Earth

_____20. Which parts of the skin that store energy?

A. Epidermis B. Dermis C. Hypodermis D. Cortex

_____21. The gland which located in ear canal and produce ear wax is

A. ceruminous gland C. Sudoriferous gland

B. sebaceous gland D. mammary gland

_____22. _____ is rough, scaly patch on the skin that develops from years of sun exposure.

A. Rosacea C. Warts

B. Actinic keratosis D. Cold sore

_____23. How many protons, mass number & electrons are there in an atom of $\frac{14}{7}N$?

A. 7,14,7 B. 14, 7,7 C. 7,7,14 D. 7,84,8

_____24. The SI unit of speed is

A. m/s^2 B. m/s C. m^2 D. m

_____25. Which of the following quantities is a fundamental quantity?

A. volume B. area C. mass D. force

_____26. What is the name of an alkane that contains eight hydrogen atoms?

A. Butane B. nonane C. octane D. pentane

_____27. What is the missing product "X" and "y" in the following equation?
$NaOH + H_2SO_4 \longrightarrow x + y$

A. Na_2SO_4, H_2O C. $NaCl, H_2O$

B. Na_2SO_4, H_2 D. Na_2SO_4.

_____28. Which one is a chemical produced in stomach?

A. Bile B. Hcl C. Amylase D. None

_____29. Large membrane tube reinforced by ring of cartilage is

A. lanynx B. trachea C. phamnx D. Alveoli

_____30. Which blood vessels carry deoxygenated blood from body to heart ?

A. vein B. Artery C. plateles D. capilaries

II. Fill in the blank space

31. _____ is a blood cell used to prevent the body from disease causing pathogens.

32. _____ the male reproductive structure which is sac like structure that contains the testis

33. _____ is a muscular tube for embryonic development.

34. _____ is the largest planet in the solar system.

35. Asteroids are found between the orbits of _____ &_____

36. The planet which appears blue green in color is _____.

37. A celestial body that revolves around a planet is called _____.

38. The first planet from the sun is _____

39. The prefix that represent $\frac{1}{1000000}$ is _____

40. The idea that matter is continuous was proposed by _____

41. The sum of the number of protons and neutrons is atom is called _____

42. The general formula of alkene is _____

43. Layer of skin that made from dead cell is called _____

44. _____ is a skin disease and characterized by bubble of fluid under the skin.

45. The quality of muscle to be stretched is called _____

46. Shoulder bone composed of _____&_____

47. Female sex hormone that produces during puberty stage is known as _____

48. Blood vessel that carries oxygenated blood is _____.

49. The main driving factor in oxygen cycle is _____

50. The size distribution of the mineral particles found in a representative sample of soil called _____

51. The planet which is nearest from the sun is _____

III. Give the appropriate answers for the following questions

53. $2Hcl + zn \longrightarrow$

54. $2HNo_3 + Na_2 Co_3 \longrightarrow$

55. $Ca(OH)_2 + H_2SO_4 \longrightarrow$

56. $SO_3 + H_2O \longrightarrow$

57. $Cao + Co_2 \longrightarrow$

58. $Na_2O + SO_2 \longrightarrow$

59. $CaO + 2Hcl \longrightarrow$

60. $SO_3 + Ca(OH)_2 \longrightarrow$