NAIROBI COUNTY

PENPLUS NAIROBI

STD 5 - TERM 3
SCIENCE
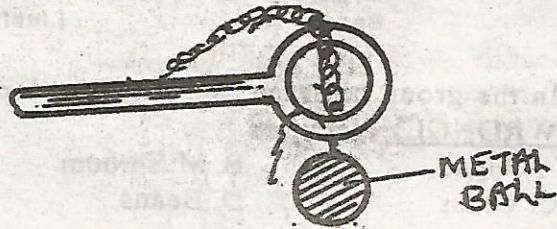
Time: 1Hr. 40Min.

1. A bolus is swallowed through:-
   A. Trachea
   B. Gullet
   C. Bronchus
   D. Nose

2. Overdose in Science means?
   A. Taking the dose as expected
   B. Taking less medicines as prescribed
   C. Taking excess medicines as prescribed
   D. Taking harmful medicine

3. Which is the commonest method of HIV infections?
   A. Open wounds
   B. Exchange of saliva
   C. Blood transfusion
   D. Sex

4. Green pigment in plants found in stems and leaves is called_____:-
   A. Chlorophyll
   B. Stomata
   C. Mould
   D. Algae

5. The diagram below has been made from cutting off the top part of plastic bottle in making a raingauge. The instrument is called:-

   A. Collecting bottle
   B. Raingauge
   C. Funnel
   D. Bottle top

6. Human beings have _____ canines in upper jaw.
   A. 8   B. 6   C. 2   D. 4

7. Mary a std 5 pupil was asked by her teacher to classify vertebrates and name examples. She gave examples as goats, rabbits, lions, frog, fleas, cows, bees. Which two animals were incorrect.
   A. Fleas and Frog
   B. Frog and Cows
   C. Fleas and Bees
   D. Rabbits and Bees

8. We classify the size of the soil particles by feeling the:-
   A. Roundness ad smoothness
   B. Roughness or smoothness
   C. Hardness and softness
   D. Roughness and smallness

9. Which of the following is **NOT** a nutritional disease?
   A. Maramus
   B. Measles
   C. Rickets
   D. Goitres

10. Lack of _____ causes rickets.
    A. Vitamin F
    B. Vitamin K
    C. Vitamin D
    D. Vitamin A

11. Heat cause of the following **EXCEPT**:-
    A. Expansion
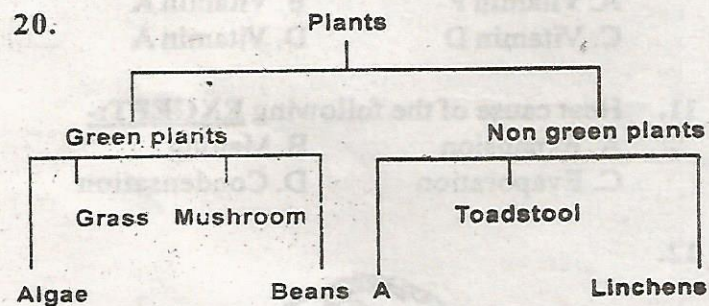   B. Melting
    C. Evaporation
    D. Condensation

12.

    METAL BALL

    After heating the ball for sometimes it will:-
    A. Not pass through the ring
    B. Pass through the ring easily
    C. Condense easily
    D. Evaporate easily

13. Mass in small quantities is measured using:-
    A. Tonnes
    B. Kilograms
    C. Centimetres
    D. Grams

14. _____ Is used to drive nails into the wood.
    A. Saw
    B. Kilograms
    C. Hammer
    D. Panga

15. Oiling tools prevent them from:-
    A. Decaying
    B. Rusting
    C. Drying
    D. Evaporation

16. The main work of the teeth in digestion of food
    A. Rolling the food
    B. Mixing with saliva
    C. Chewing the food
    D. Swallowing the food

17. Preventive medicines are:-
    A. Antibodies   B. Drugs
    C. Vaccines   D. Pain Killers

18. The work of the painkillers as a medicine is:-
    A. Relieve or Reduce pain
    B. Increase or Reduce pain
    C. Treat the disease
    D. Prevent the disease

19. All living things:-
    A. Breath   B. Move
    C. Think   D. Walk

20.
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                        Plants
            ┌─────────────┴─────────────┐
      Green plants                  Non green plants
      ┌──────┴──────┐           ┌────────┴────────┐
   Grass  Mushroom              Toadstool
   ┌──┴──────────┐          ┌───────────┴──────┐
 Algae        Beans  A                      Linchens
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In the group of green plant which plant is **WRONGLY** classified.
    A. Algae   B. Mushroom
    C. Grass   D. Beans

21. In the above diagram A can be represented by
    A. Acacia   B. Sugarcane
    C. Potato   D. Mould

22. Which of the following pair of plants are non-flowering
    A. Fungi and Maize   B. Beans and Mosses
    C. Algae and Ferns   D. Beans and Maize

23. A windvane is made and has to have the following in it:
    A. Measuring Cylinder B. Collecting Jar
    C. Raingauge   D. Compass

24. _____ Is used to measure rainfall.
    A. Hygrometer   B. Windvane
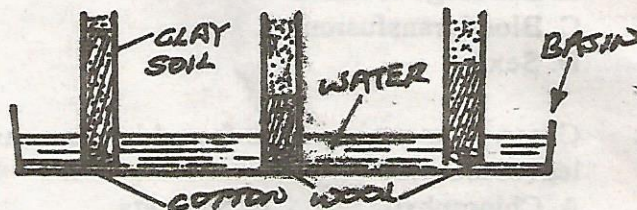   C. Thermometer   D. Raingauge

25. Bats are in _____ group of animals.
    A. Birds   B. Mammals
    C. Reptiles   D. Fish

26. Which of the following is **NOT** a characteristic of amphibians?
    A. They lay eggs
    B. They are cold blooded
    C. They are warm blooded
    D. They have moist skin

27. The **BEST** soil to use when modelling is:-
    A. Gravel   B. Sand
    C. Clay   D. Loam

28. Which soil would **BEST** retain water (capacity)?
    A. Gravel   B. Sand
    C. Clay   D. Loam

29.

The diagram shows:-
    A. Capillarity   B. Drainage
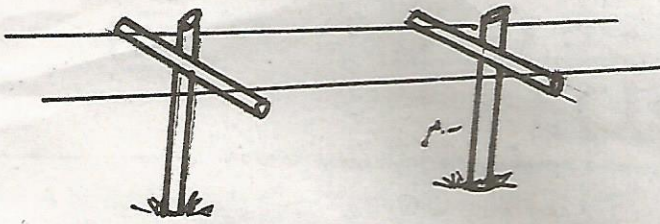   C. Evaporation   D. Melting

30. The work of calcium in our body is:-
    A. Make food sweet
    B. For strong bones and teeth
    C. Make blood healthy
    D. Help blood to clot quickly

31. The **MAIN** work of fibre in food is:-
    A. Prevent dehydration
    B. Remove water from body
    C. Help in digestion
    D. Prevent constipation

32. Sounds are grouped in 2 groups namely:-
    A. Soft and heavy sounds
    B. Heavy and loud sounds
    C. Had and soft sounds
    D. Soft and loud sounds

33. When pupils in a class all talk at the same time they produce:-
    A. Soft sound   B. Noise
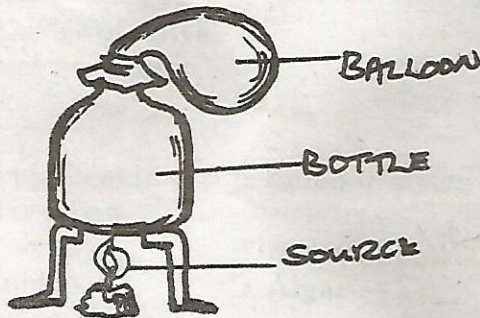   C. Music   D. Melodies

34.

The telephone wires in a roadside. The wires turned straight. The reason was because of:-
A. Expansion of heat
B. Contraction of heat
C. Melting of heat
D. Evaporation of materials

35. Heat travels though liquids by:-
A. Radiation
B. Conduction
C. Convection
D. Condensing

36.

When the candle is heated.
A. Air in balloon will decrease
B. Air in balloon will decrease
C. Candle will go off
D. The bottle will fall

37. We measure temperature in:-
A. Degree Celsius
B. Millimetres
C. Centimetres
D. Kilograms

38. A beam balance is used to measure:-
A. Density
B. Area
C. Mass
D. Volume

39. The physical appearance of soil particles is called:-
A. Soil profile
B. Capillarity
C. Soil texture
D. Drainage

40. Teeth that grow to replace shed milk teeth are called:-
A. Permanent teeth
B. Wisdom teeth
C. Milk teeth
D. Artificial teeth

41. We should always do _____ to the water before drinking
A. Add salt
B. Boil
C. Filter
D. Sieve

42. Which one of the ways is not proper in maintaining tools?
A. Use tool for right purpose
B. Keeping tools outside the house
C. Clean tools after use
D. Sharpening cutting tools

43. Which weather instrument can measure two aspects at the same time.?
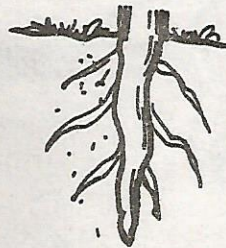A. Barometer
B. Raingauge
C. Windvane
D. Windsock

44. Bees, slug, ants and millipede all belongs to:- group of animals
A. Invertebrates
B. Mammals
C. Vertebrates
D. Amphibians

45. Leaves of plants manufacture food for the plant. This is known as:-
A. Transpiration
B. Breathing
C. Photosynthesis
D. Overporation

46. This type of root is:-

A. Shooting roots
B. Breathing root
C. Fibrous roots
D. Tap root

47. Maize, sugarcane, honey and wheat belongs to _____ types of food.
A. Proteins
B. Body building
C. Protective
D. Energy giving

48. Kwarshiokor disease is due to lack of:-
A. Carbohydrate
B. Protein
C. Vitamin
D. Mineral salts

49. Heat travels through solids by:-
A. Conversion
B. Convection
C. Conduction
D. Radiation

50. Which of the following is a good conductor of heat?
A. Metal
B. Wood
C. Clay
D. Plastic