S.D 001

MULULU CLUSTER EVALUATION TEST. 8

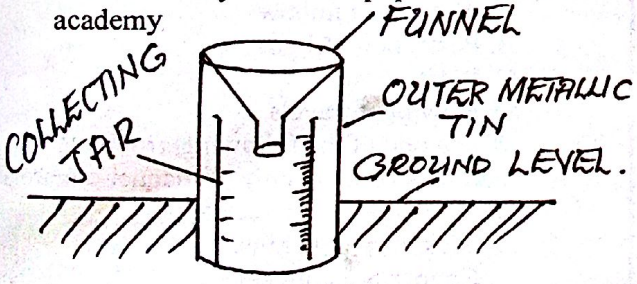
STD EIGHT TERM 1 - 2020

SCIENCE **TIME: 1Hr 40 Min**

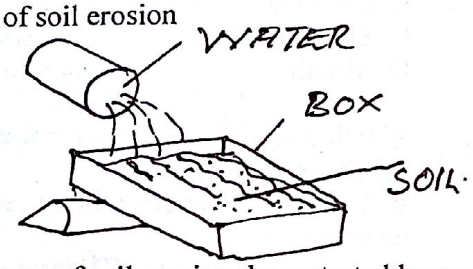
1. Which one of the following parts of the human reproductive system is correctly matched with its fuction

PART	PROCESS
A. Oviduct	Ovulation
B. Uterus	Fertilization
C. Uterine wall	Implantation
D. Ovary	Fertilization

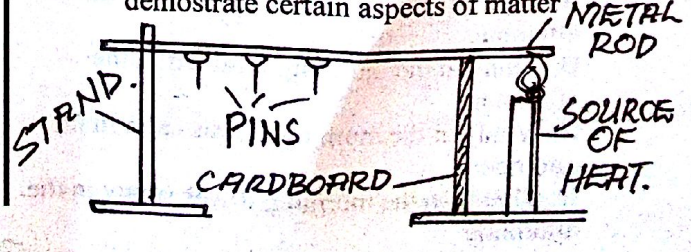
2. Which one of the following pairs of diseases is the infant immunized against at birth
   A. Tuberculosis and polio
   B. Diptheria and yellow fever
   C. Polio and diptheria
   D. Tuberculosis and yellow fever
3. The following are characteristics observed in flowers collected by class six pupils
   (i) Brightly coloured
   (ii) Light pollen grains
   (iii) Presence of nectaries
   (iv) Sticky pollen grains
   (v) Dull petals
   Which pair of characteristics are for wind pollinated flowers
   A. i, iv B. i, v
   C. ii, v D. ii, iii
4. The weather instrument below was constructed by class five pupils of Hekima academy



   Which one of the following best explain why the instrument was not accurate
   A. Use of metallic outer tin
   B. Using a wider collecting jar
   C. Using a wider funnel
   D. Having part of the instrument under the ground
5. Which one of the following groups of animal parasites belong to the same group
   A. Roundworm and louse
   B. Tsetsefly and tapeworm
   C. Liver fluke and louse
   D. Flea and tsetsefly
6. Which one of the following is a way of conserving water by using water sparingly
   A. Using drip irrigation
   B. Using sprinkler irrigation
   C. Using laundry water to clean latrine
   D. Treating sewage water and using it again
7. The diagram below demostrates an experiment done by pupils to show certain type of soil erosion



   The type of soil erosion demostrated by pupils was
   A. Splash erosion B. Gully erosion
   C. Rill erosion D. Sheet erosion
8. Which one of the following pairs consists only of sources of electricity
   A. Generator, electric iron box
   B. Electric heater and generator
   C. Wind turbine and dam
   D. Bicycle dynamo and wind driven turbine
9. Which one of the following is a function of fibre in human diet
   A. Helps in digestion of food
   B. Removal of undigested food materials
   C. Helps in absorption of food
   D. Prevents diarrhoea
10. During thunderstorm, pupils were observed
    (i) Sheltering under the verandah
    (ii) Wearing red jackets
    (iii) Playing in the field
    (iv) Lying on the ground in the classroom
    In which pair of observation are the pupils more likely to be struck by lightning
    A. i, ii B. ii, iv
    C. i, iii D. i, iv
11. The diagram below represents a set up used to demostrate certain aspects of matter



The pin next to the candle fell off as a result of
A. Conduction only
B. Conduction and radiation
C. Radiation only
D. Convection and radiation

12. Which of the following levers has the position load, effort and fulcrum in similar position as a claw hammer
A. Spade B. Crowbar
C. Wheelbarrow D. Fishing rod

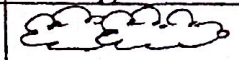
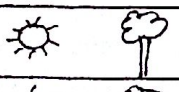
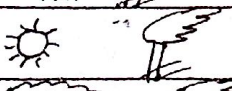
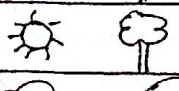
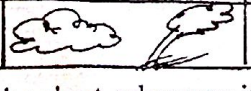
13. Which one of the following parts of the human digestive system is correctly matched to its function

Organ	Function
A. Large intestine	completes digestion
B. Stomach	absorps water
C. Small intestine	absorps water
D. Mouth	mechanical breakdown of food

14. Which one of the following statements is TRUE about HIV/AIDS
A. During assymptomatic stage an individual tests negative
B. An individual with HIV virus does not neccessarily have AIDs
C. A person develops AIDS during window stage
D. HIV can spread through insect bites

15. Which one of the following plants stores food in the stem
A. Sweet potatoes, carrots
B. Irish potatoes, sweet potatoes
C. Cassava, onions
D. Irish potatoes, sugarcane

16. The chart below shows a weather record kept by pupils for five days

Day	Morning	Afternoon
Mon		
Tue		
Wed		
Thur		
Fri		

From the chart, whenever it was
A. Calm in the morning, it was windy in the afternoon
B. Sunny in the morning, it rained in the afternoon
C. Windy in the morning, it was calm in the afternoon
D. Cloudy in the morning, it was sunny in the afternoon

17. Which one of the following animal feeds provide the animal with proteins only
A. Lucerne, wheatbran, mollases, ricehusks
B. Mollases, green fodder, desmodium, clover
C. Lucerne, glycine, desmodium, clover
D. Fish meal. bone meal. maclicks, mollases

18. The following are some of the ways of controlling water borne diseases
(i) Wearing protective clothing while working in swampy areas
(ii) Boiling or treating water before use
(iii) Using latrines for urination and passing of feaces
(iv) Washing hands before handling food
Which methods are suitable for controlling the spread of bilharzia
A. i, iii B. ii, iv
C. i, ii D. iii, iv

19. Which type of manure is common in dairy farms
A. Compost manure B. Green manure
C. Farm yard manure D. Organic manure

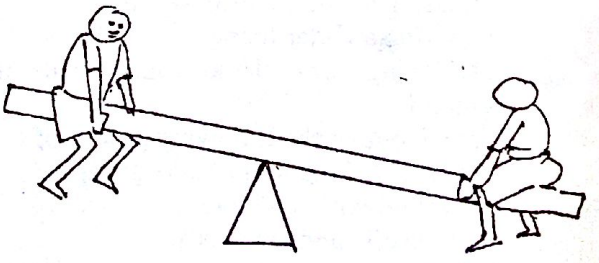
20. Which one of the following is NOT an excretory product
A. Excess water B. Feaces
C. Excess salt D. Carbondioxide

21. A child who has pale skin gets out of breathe and feeling dizzy should feed on
A. Yams and cassava
B. Beans and maize
C. Milk and eggs
D. Kidney and spinach

22. In an investigation, pupils placed a mirror in a basin containing water to direct light to a white wall. The pupils were investigating
A. Making a rainbow
B. Reflection of light
C. Refraction
D. How light travels

23. Which one of the following groups of materials consists only of magnetic materials
A. Zinc, aluminium, copper
B. Nickel, stapple pins, iron
C. Copper, iron, nickel
D. Aluminium, iron, silver

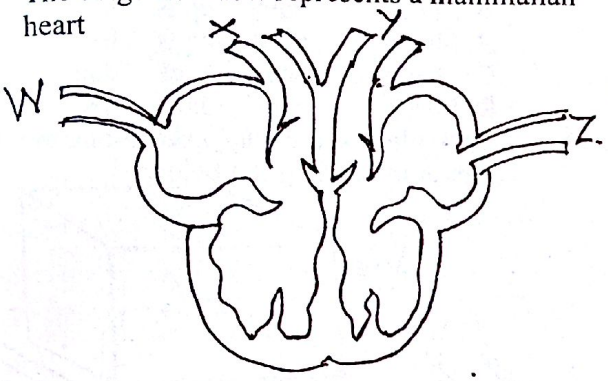
24. Class five pupils of Chamakanga primary were playing on a see saw as shown below



What should the pupils do in order to balance

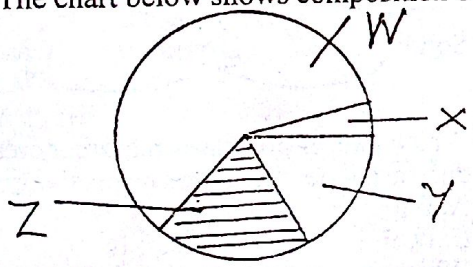
A. The heavier pupil should move near the fulcrum
B. The lighter and heavy pupil should sit equal distance from fulcrum
C. The lighter pupil should stand on the see saw
D. The lighter pupil should move near the fulcrum

25. The diagram below represents a mammalian heart



Which one of the following is true about vessels W, X, Y, Z
A. Z - carries oxygenated blood under low pressure
B. Y - carries deoxygenated blood to the lungs
C. W - Carries deoxygenated blood under high pressure
D. X - carries oxygenated blood to all body parts

26. The chart below shows composition of air



Which one of the following is true about the parts of air represented by the letters
A. Z is used to put out fire
B. X is used in making plant food
C. W is used by legumes to make proteins
D. Y is used in light bulbs and tubes

27. Which one of the following consists of green plants
A. Toad stool and mushroom
B. Algae and mould
C. Mould and fern
D. Moss and fern

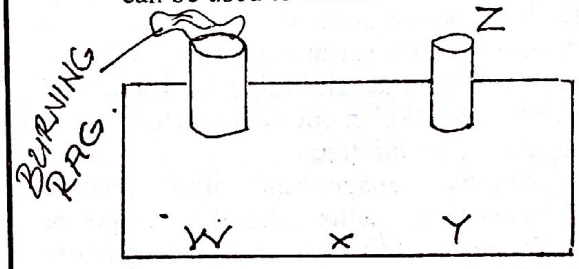
28. Class five pupils were grouping small animals according to similar characteristics. Which group made correct observation and classification
A. Termite, mite, scorpion, tick
B. Spider, mite, scorpion, tick
C. Weevil, ticks, moth, bee
D. Ticks, ants, locust, spider

29. Which one of the following is a use of heat and light respectively
A. Warming and ironing
B. Warming and seeing clearly
C. Discouraging pets, cooking
D. Cooking and drying

30. The following are characteristics of a certain type of tooth
(i) sharp
(ii) chisel shaped
(iii) has one root
The type of tooth described is
A. Incisor B. Molar
C. Canine D. Premolar

31. Which one of the following need not be the same when investigating capillarity in different soil types
A. Amount of soil
B. Size of tubes
C. Size of cotton wool
D. Size of soil particles

32. The following diagram represents a set up that can be used to demostrate heat transfer



For the demostration to work, a burning candle should be placed at
A. Y B. W
C. X D. Z

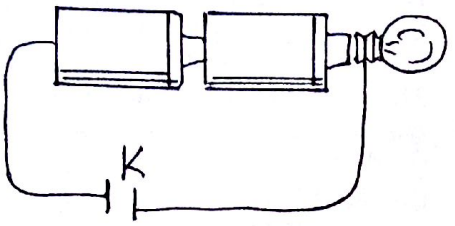
33. Which one of the following contains a balanced diet
A. Beans, bread, potatoes
B. Milk, carrots, ugali
C. Cassava, milk, rice
D. Chapati, milk, beans

34. Which one of the following statements is incorrect about gases, they
A. Have indefinate size
B. Occupy space
C. Have indefinate mass
D. Have indefinate shape

35. Which one of the following is NOT true about force
A. Force is a push or a pull
B. Force can stop moving object
C. Force can cause motion
D. It is measured in kg

36. Which one of the following is an example of a harmful animal
A. Termite B. Dog
C. Bee D. Donkey

37. The set up below represents an experiment conducted by class seven pupils of Bidii Academy



In order for the bulb to light which of the following materials would be suitable to complete gap K

A. Biro casing B. Wooden ruler
C. Plastic spoon D. Pencil lead

38. Below is an illustration of a food chain

Plants → Antelope → Lion → Vulture

What is likely to happen if all lions were killed

A. Plants would decrease
B. Antelope would decrease
C. Vultures would eat antelopes
D. Plants would increase

39. Angutwa a class seven pupil at Losengeli primary school accidentally mixed salt, sand, iron fillings. Which one is the correct order of separating the mixture

A. Dissolve magnetism filter evaporate
B. Magnetism filter dissolve evaporate
C. Evaporate dissolve filter magnetism
D. Magnetism dissolve filter evaporate

40. Which one of the following is NOT a way of maintaining simple tools

A. Oiling and greasing
B. Storing in a safe place
C. Sharpening cutting tools
D. Proper storage

41. Class five pupils of sabatia primary school blind folded a pupil and rung a bell from different locations. What aspect of sound energy were the pupils investigating

A. Loudness and softness of sounds
B. Special sounds
C. Highness or lowness of sound
D. Direction of sound

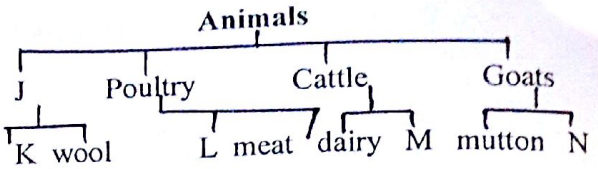
42. Which one of the following methods of food preservation is both modern and tradition

A. Canning B. Use of honey
C. Drying D. Salting

43. A block of wood of mass 2kg floats on water while an iron filings sinks in water. This is due to the difference in

A. Shape B. Size
C. Mass D. Material

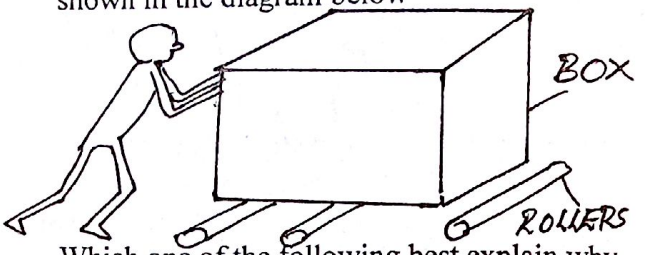
44. The chart below shows classification of animals according to their products



Letters J K L M N represents

	J	K	L	M	N
A.	Sheep	dairy	eggs	beef	dairy
B.	Sheep	mutton	eggs	beef	dairy
C.	Sheep	eggs	beef	dairy	mutton
D.	Sheep	eggs	dairy	beef	mutton

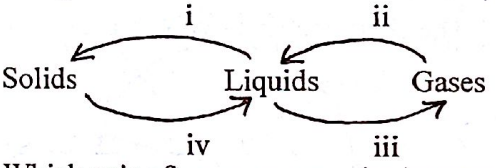
45. Munyola was pushing a box along the floor as shown in the diagram below



Which one of the following best explain why he used rollers

A. To reduce the force that oppose motion
B. To increase the force that oppose motion
C. To increase the effort he appplied
D. To reduce the amount of work done

46. The processes below are involved in the change of state of matter



Which pair of processes require increase and decrease in temperatures respectively

A. i, ii B. iii, iv
C. iv, ii D. i, iv

47. Which one of the following is NOT advisable for a patient suffering from tuberculosis

A. Ventilated housing
B. Isolation from healthy people
C. Early treatment with antibiotics
D. Vaccination against the disease

48. Which one of the following pests are correctly matched with the damage they cause

PEST	DAMAGE
A. Aphids	Bore holes in cereals
B. Cutworm	Cut stem of seedlings
C. Stalkborer	Suck sap
D. Weevils	Bore holes in stem

49. Which one of the following is NOT a source of light

A. Stars B. Lamps
C. Moon D. Fire fly

50. The surrounding of an organism is described as

A. Habitat B. Shelter
C. Home D. Environment