

# KIRINYAGA COUNTY

PENPLUS  
KIRINYAGA

## STD 5 - TERM 3

### SCIENCE

Time: 1 hr 40 mins

1. The shape of the moon shown below is the \_\_\_\_\_



- A. crescent                      B. new moon  
C. quarter moon              D. gibbous
2. The trachea subdivide into two parts each called \_\_\_\_\_
- A. bronchus  
B. lungs  
C. diaphragm  
D. bronchioles
3. The green colouring matter in the leaves of a green plant is called \_\_\_\_\_
- A. chlorophyll                  B. stomata  
C. photosynthesis              D. endosperm

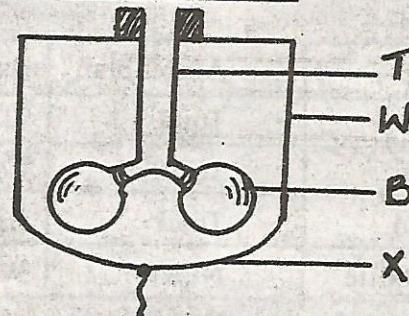
The chart below shows uses of weather instrument

Anemometer	Measure air pressure
Windvane	Shows direction of wind
Raingauge	Measure amount of rainfall
Windsock	Measure the strength of wind

4. Which instrument is wrongly matched with its function?
- A. Windvane  
B. Raingauge  
C. Anemometer  
D. Windsock
5. Which of the following is a flowering plant?
- A. Lichen                          B. Algae  
C. Cabbage                        D. Moss

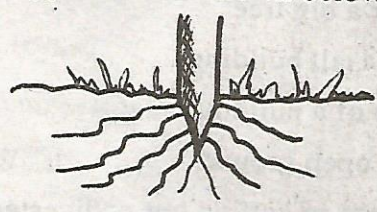
6. A meal that contains carbohydrates, proteins and vitamins is called- \_\_\_\_\_
- A. rule of three  
B. balanced diet  
C. special diet  
D. rich diet
7. Which one is the best place to site a raingauge?
- A. Under a big tree  
B. Inside a tall building  
C. On top of a building  
D. On an open ground
8. The process of getting out undigested food from the body is called \_\_\_\_\_
- A. digestion                      B. faeces  
C. egestion                        D. saliva
9. Lack of fibre in the diet causes \_\_\_\_\_
- A. dehydration                  B. constipation  
C. rickets                          D. kwashiorkor

Some class 5 pupils constructed the model of the breathing system shown below



10. What happened to part B when they pulled part X downwards?
- A. It got deflated  
B. More upwards  
C. It inflated  
D. Nothing happened

11. The part marked W represents \_\_\_\_  
 A. lungs                      B. diaphragm  
 C. trachea                    D. ribs
12. Some plants are useful to people. Which of the following plants is used as medicine?  
 A. Mangrove tree    B. Reeds  
 C. Neem tree            D. Acacia
13. Which of the following is odd one out?  
 A. Shark            B. Whale  
 C. Tilapia           D. Nileperch
14. Which of the following animals breath by means of gills?  
 A. Fish                    B. Frog  
 C. Crocodile            D. Whale
15. The type of roots shown below are found in\_



- A. beans                      B. grams  
 C. wheat                      D. peas
16. Soils with fine particles have \_\_\_\_  
 A. good drainage  
 B. high capillarity  
 C. large air spaces  
 D. poor capillarity
17. Which one of the following is not correctly classified?

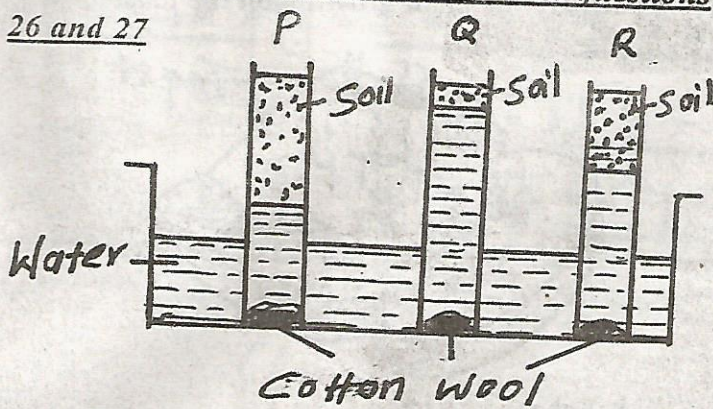
Reptile	Amphibian	Mammals
A. Snake	Toad	Lion
B. Newt	Tortoise	Bat
C. Lizard	Toad	Ape
D. Crocodile	Newt	Whale

18. For accurate results, the rainwater collected in a raingauge should be measured \_\_\_\_  
 A. at the same time every day  
 B. two times a day  
 C. every week  
 D. after every hour

19. Before taking any medicine we should read the \_\_\_\_  
 A. chemical                      B. formula  
 C. prescription                  D. first aid
20. Which of the following cannot spread HIV/AIDS?  
 A. Sharing injection neddles  
 B. Blood transfusion  
 C. Mosquito bites  
 D. Sexual intercourse
21. Unpleasant and unwanted sound is referred to as \_\_\_\_  
 A. sound-pollution  
 B. noise  
 C. soundless  
 D. volume
22. Which of the following is not a cereal crop?  
 A. Millet  
 B. Maize  
 C. Sorghum  
 D. Coconut
23. Which of the following groups of food make a balanced diet?  
 A. Milk, bread, sweet potatoes  
 B. Meat ,beans, fish  
 C. Rice, green bananas, potatoes  
 D. Meat, cabbages, ugali
24. The process of providing the body with foods necessary for maintenance of good health is called \_\_\_\_  
 A. feeding  
 B. nutrition  
 C. balancing diet  
 D. body building
25. Which teeth have ridges on the surface?  
 A. Canines and molars  
 B. Molars and premolars  
 C. Premolars and incisors  
 D. Molars and incisors

Study the experiment below and answer questions

26 and 27



26. What property of soil were they investigating?  
 A. Capillarity                      B. Drainage  
 C. Capacity                          D. Retention
27. Identify soil P,Q,R respectively  
 A. sand, loam, clay.  
 B. clay, sand loam  
 C. clay , loam , sand  
 D. sand, clay, loam
28. The correct unit for measuring rainfall is the  
 A. millimetre                          B. metre  
 C. millilitre                            D. centimetre
29. Which of the following is not a function of the stem?  
 A. Food storage  
 B. Water transport  
 C. Protect the plant  
 D. Absorption of water
30. The digestive juice found in the mouth is the  
 A. gastric juice                      B. intestinal juice  
 C. saliva                                D. bite
31. A wall built across a river to block and store water is called a \_\_\_\_  
 A. bridge                      B. tank  
 C. drum                        D. dam
32. The tooth problem shown above is caused by



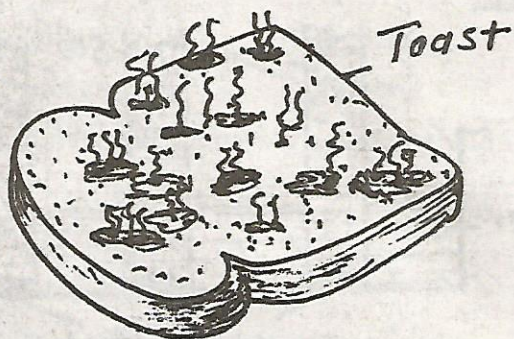
- A. acid produced by germs  
 B. using a very hard brush  
 C. the food we eat  
 D. using hot water to brush teeth
33. Which of the following is not a use of light?  
 A. See clearly  
 B. Fall into a ditch  
 C. Keep off thieves  
 D. To avoid accidents
34. The safest place to store medicine is \_\_\_\_  
 A. on a table  
 B. in a locked cupboard  
 C. under the bed  
 D. in one's room
35. Lack of haemoglobin causes \_\_\_\_  
 A. marasmus                      B. kwashiorkor  
 C. anaemia                        D. rickets
36. Which components of soil is not visible?  
 A. Humus  
 B. Mineral particles  
 C. Organic matter  
 D. Water
37. Which of the following is an egg laying mammals?  
 A. Flying fox                      B. Bat  
 C. Spiny ant eater                D. Kangaroo
38. Which one of the following is not a symptom of kwashiorkor?  
 A. Pot belly                      B. Bow legs  
 C. Thin brown hair                D. Low body weight
39. The tool shown below is called \_\_\_\_



- A. file                                      B. hammer  
 C. chisel                                  D. mattock

40. Three of the following are factors upon which an air thermometer works. Which one is not?
- Air occupies space
  - Air expands when heated
  - Air is a mixture of gases
  - Air contracts when cooled
41. The second stage of HIV is called-\_\_\_
- window stage
  - symptomatic stage
  - introduction stage
  - incubation stage
42. Below are factors that affect weather. Which one is not?
- Temperature
  - Wind
  - Lighting
  - Rainfall
43. Which one is not a use of heat?
- Cooking
  - Photography
  - Ironing
  - Warming
44. Which of these instruments can be placed inside a building?
- Air thermometer
  - Windvane
  - Windsock
  - Raingauge
45. Which of the following is an edible weed?
- Mexican marigold
  - Blackjack
  - Wandering jew
  - Pigweed

46. Identify the plant growing on the toast



- lichens
  - mould
  - moss
  - mushroom
47. The air we breath in is normally cleaned in the \_\_\_
- lungs
  - nose
  - bronchi
  - trachèa
48. The rate at which water passes through different soils is determined by \_\_\_
- soil fertility
  - water retention
  - size of soil particles
  - amount of soil
49. Which one of the following soils is likely to feel smooth?
- Sandy soil
  - Clay soil
  - Loam soil
  - Sand and loam soils
50. Which of the following plants is not a fungi?
- Mushroom
  - Mucor
  - Moss
  - Toadstool