

# GATUNDU DISTRICT

## MID TERM 3 - 2014

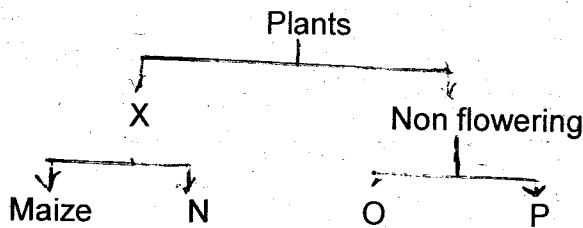
### STD 5 - SCIENCE

TIME: 1 HR 40 MIN

1. Which one of the following is NOT part of the breathing system?

- A. wind pipe      B. food pipe  
C. diaphragm      D. nose

2. Use the classification chart below to answer the questions that follow.



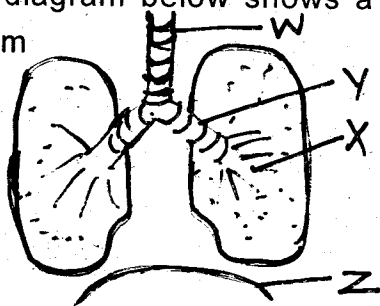
Which of the following is represented by X?

- A. flowering      B. monocot  
C. non-green      D. dicots

3. Examples of O and P are \_\_\_\_ and \_\_\_\_

- |             |            |
|-------------|------------|
| O           | P          |
| A. Ferns    | groundnuts |
| B. Beans    | millet     |
| C. fungi    | moss       |
| D. bacteria | peas       |

4. The diagram below shows a breathing system



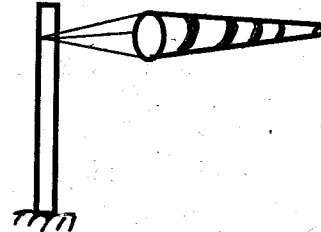
The exchange of gases during breathing takes place in the part marked \_\_\_\_\_

- A. X      B. Y  
C. Z      D. W

5. Which of the following is NOT a stage of HIV infection

- A. Asymptomatic stage  
B. full blown AIDS  
C. symptomatic stage  
D. Death stage

6. The weather instrument shown below should be kept in an open place to \_\_\_\_\_



- A. indicate the wind direction  
B. show the scale of wind  
C. show the speed of wind  
D. measure the amount of rainfall

7. Which one of the following is a flying mammal?

- A. duck      B. eagle  
C. bat      D. hawk

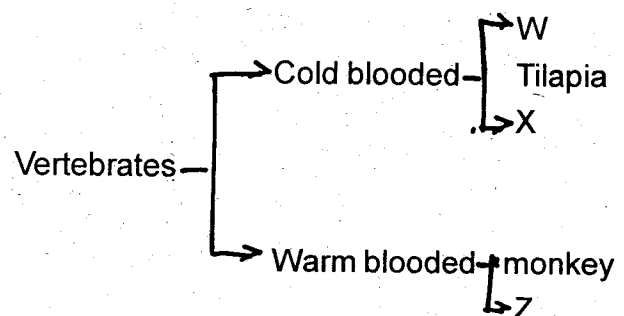
8. Which of the following is NOT a water sporting activity?

- A. fetching water from a river  
B. water surfing  
C. boat racing  
D. water skiing

9. Which of the following shows the correct order of change of state?





- A. ice → vapour → water  
B. ice → water → vapour  
C. vapour → ice → water  
D. water → ice → vapour

10. The chart below is a simple classification of vertebrates



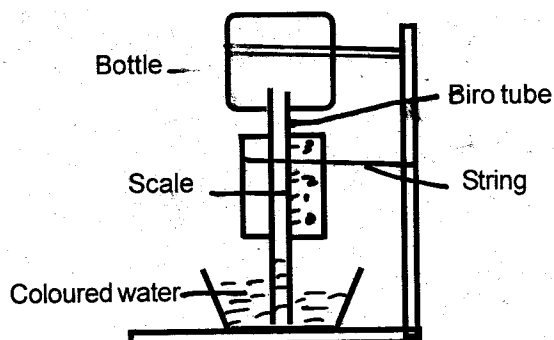
Which animal can fit in part marked Z?

- A. Ostrich      B. snake

- C. crocodile      D. newt
11. Large volumes of water can be stored in  
A. bottles      B. dams  
C. jerricans      D. buckets
12. Any substance that is taken into the body to maintain good health is called \_\_\_\_\_  
A. nutrient      B. food  
C. balanced diet      D. protein
13. Karanja has a large coffee farm. Which method of weed control is best for him to use?  
A. using chemicals      B. uprooting by hand  
C. digging out weeds      D. mulching
14. Which of the following shows examples of legumes?  
A. groundnut and rice  
B. millet and maize  
C. beans and peas  
D. cowpeas and wheat
15. Which one of the following animals gives birth to live young ones?  
A. crocodiles      B. lizard  
C. chameleon      D. kangaroo
16. Which of the following shapes of the moon is seen after full moon?  
A.       B.   
C.       D. 

17. Which one of the following is TRUE about small animals?  
A. A cockroach and a spider can move from one place to another by crawling  
B. A crab and a water beetle can move from one place to another by walking  
C. A flea and a locust can move from one place to another by hopping  
D. A housefly and a butterfly can move from one place to another by leaping

18.

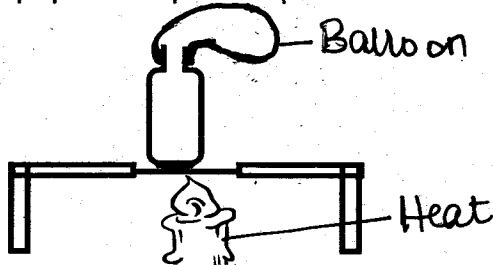


- The instrument shown above is known as \_\_\_\_  
A. liquid thermometer      B. Air thermometer  
C. raingauge      D. windvane
19. Which one of the following is true about the digestive system?  
A. most of the water is absorbed by the small intestine  
B. Absorption of food takes place in the stomach  
C. Digestion of food ends in the large intestine  
D. food can stay in the stomach for about three hours
20. Standard five pupils of Karatu primary school uprooted a young plant and supported it in a container of coloured water. After about two hours they cut across the stem, what did they observe?  
A. The cut section of the stem has the colour of the water  
B. The plant dried up  
C. The water changed colour  
D. the water dried up
21. Which of the following animals consist of invertebrates only?  
A. cockroach, termites, newt  
B. cetipende, millipende, frog  
C. spider, rat, cat  
D. earthworm, ant, grasshopper
22. The amount of medicine given by the doctor to be taken for a given period of time is referred as \_\_\_\_  
A. dosage      B. share  
C. prescription      D. ration
23. A 12 year old child is NOT likely to have \_\_\_\_  
A. wisdom-teeth      B. premolar  
C. incisors      D. canines
24. Which of the food categories below spoils teeth?  
A. chocolate, birthday cake  
B. milk, fish  
C. apples, pineapples  
D. sukumawiki, spinach
25. Which one of the following statement is true

about human beings?

- A. people who cannot speak are called deaf
- B. People who cannot hear are called dumb
- C. people who cannot speak are called sign language
- D. people who cannot <sup>hear</sup> hear can use their bodies to communicate

26. Std five pupils set up the experiment below



As they heat the bottle, they observed that the balloon straightened, but when they stopped heating the balloon contracted. What was their conclusion?

- A. air expands on heating
- B. Air contracts on heating
- C. The balloon burst
- D. Air escapes through the bottle

27. Which of the following is an importance of lighting a house.

- A. keeping people and animals warm
- B. seeing <sup>enables</sup> us to see clearly
- C. ~~enables~~ us to see clearly
- D. taking photographs

28. Which one of the following is NOT an effect of moving air?

- A. blowing soil away
- B. blowing roofs
- C. winnowing
- D. felling trees

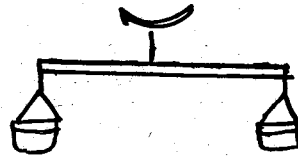
29. The diagram below is a simple tool.



The tool is used for \_\_\_\_\_

- A. cutting
- B. sharpening moving parts
- C. cutting wires
- D. sharpening cutting tools

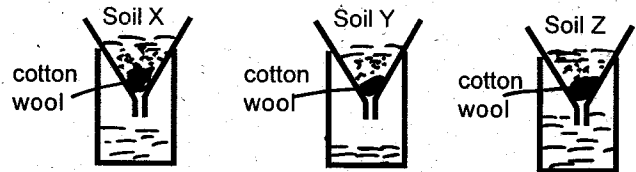
30. Use the diagram below to answer the questions below



The beam balance is used to measure the weight in all the following except \_\_\_\_\_

- A. kilograms
- B. centimetres
- C. grams
- D. tonnes

31. Std 5 pupils set up the following experiment



The pupils were investigating \_\_\_\_\_

- A. water in soil
- B. drainage in soil
- C. air in soil
- D. soil particles

32. Heat reaches the earth by \_\_\_\_\_

- A. convection
- B. reflection
- C. radiation
- D. conduction

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

- A. cleaning tools after use
- B. repairing tools when they break down
- C. for safe keeping
- D. using tools for the proper purpose

34. Which one of the following tools can be used for digging a hard soil?

- A. panga
- B. jembe
- C. forked jembe
- D. spade

35. A tool can also be called a \_\_\_\_\_

- A. saw
- B. file
- C. simple machine
- D. rack

36. Which of the following does not show change of state?

- A. crushing a piece of chalk
- B. heating candle wax
- C. cooking vapour from a kettle
- D. heating water in a sufuria

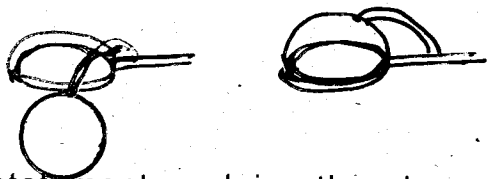
37. Fire engine with the siren on tells us \_\_\_\_\_

- A. there are thieves
- B. its time for service to begin
- C. a building is on fire
- D. a very sick person is being taken to hospital

38. Stand three pupils covered the eyes of one

pupil with a piece of cloth. A bell was rung at different position around the pupil. What were the pupils trying to find out?

- A. some special sounds
  - B. how sound travels
  - C. some source of sound
  - D. uses of sound
39. Which one of the following shows the correct order of change of state?
- A. solid - gas - liquid
  - B. solid - liquid - gas
  - C. gas - solid - liquid
  - D. liquid - solid - gas
40. Which one of the following is NOT a source of sound?
- A. animals
  - B. plants
  - C. bell
  - D. whistle
41. Doing an activity for enjoyment is called \_\_\_\_
- A. irrigation
  - B. surfing
  - C. recreation
  - D. swimming
42. Which of the following food groups constitute of a balanced diet?
- A. maize, beans, spinach
  - B. chips, eggs, sausage
  - C. arrowroots, rice, cake
  - D. cheese, fish, peas
43. Mutuku passed the ball through a ring. He then heated the ball and realized that it could not go through the ring.

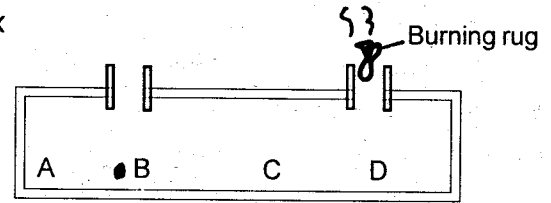


Which statement explains the above experiment?

- A. The ring expanded
  - B. The ball contracted
  - C. The ball expanded
  - D. the ring contracted
44. Temperature is measured using a \_
- A. thermometer
  - B. insulator
  - C. conductor
  - D. metal ball and ring
45. Which one of the following materials will both sink?
- A. comb, plastic, biropen
  - B. nail, a piece of wood

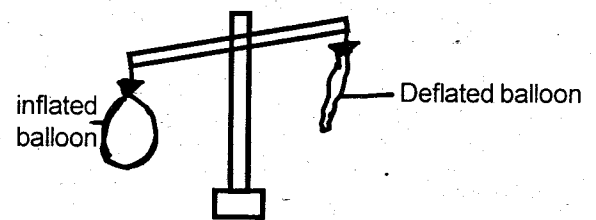
- C. plastic, sharpener, piece of wood
- D. nail, a needle

46. The diagram below represents a convection box



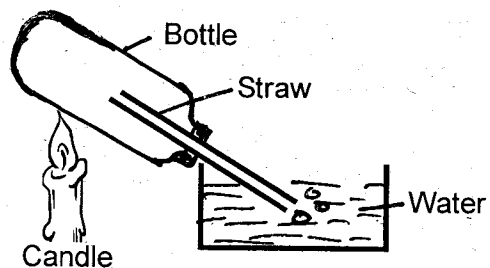
The correct position to place the candle was at point \_\_\_\_\_

47. \_\_\_\_\_ is a source of heat energy that comes from tree
- A. gas
  - B. paraffin
  - C. electricity
  - D. firewood
48. Convection is the process by which heat is transferred through \_\_\_\_
- A. solids only
  - B. liquids and solids
  - C. gases only
  - D. liquids and gases
49. Std 5 pupils carried out the experiment shown below.



From the experiment above, pupils concluded that \_\_\_\_\_

- A. air has mass
  - B. air occupies space
  - C. some balloons are heavier
  - D. Some balloons are lighter
50. Std 5 pupils set up the experiment below. What did they observe?



- A. The bottle broke after sometime
- B. Water went up through the straw
- C. The candle stopped burning
- D. Bubbles of air were seen escaping through the water