

SCHOOL BASED ASSESSMENT TEST

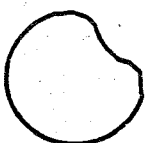
STD. 5 – 007

SCIENCE

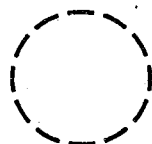
Time: 1 Hr 40 Min.

- The air we breathe in is normally moistened, cleaned and warmed in the
A. lungs B. bronchioles
C. diaphragm D. nose
- Digestion of food starts in the mouth and ends in the
A. rectum B. small intestine
C. stomach D. large intestine
- Which one of the following DOES NOT affect sinking and floating of objects?
A. Shape B. Material
C. Weight D. Colour
- Under which one of the following weather conditions would clothes dry fastest?
A. Windy and hot
B. Dry and calm
C. Humid and windy
D. Rainy and windy
- The best way of making drinking water safe is by
A. filtering B. boiling
C. cooling D. covering
- The process of grouping plants with common characteristics together is known as
A. flowering and non-flowering plants
B. classification of plants
C. green and non-green plants
D. living and non-living things
- Which one of the following phases of the moon shows gibbous?

A.



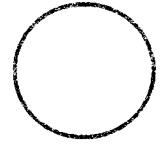
B.



C.

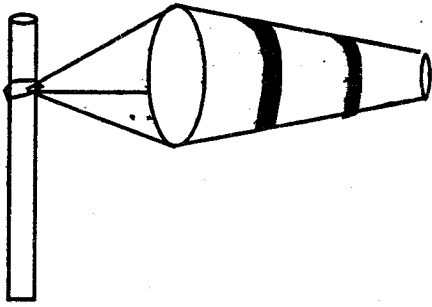


D.



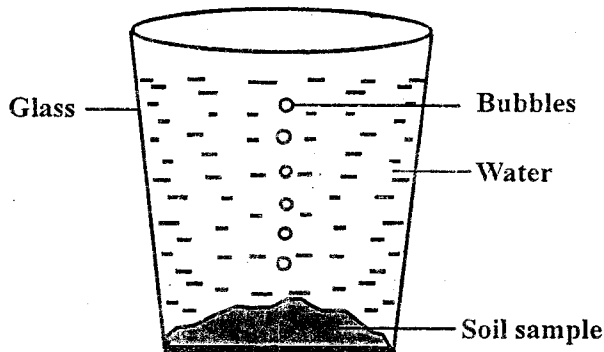
- Photosynthesis is a process in which green plants
A. loose excess water
B. store their food
C. manufacture food
D. produce flowers
- Which one of the following statements is NOT correct about a human incisor tooth?
A. It is chisel shaped
B. It has one root
C. They are six in number
D. They are the first to be shed off
- The following are characteristics of a certain type of soil:
i) It becomes easily waterlogged
ii) It cracks when dry
iii) It has the poorest drainage
The soil described above is likely to be
A. loam soil B. sandy soil
C. clay soil D. silt
- Which list of foods below are necessary for growth and repair of worn out tissues?
A. Oranges, water melons, cassava
B. Meat, milk, chicken
C. Onions, eggs, kales
D. Fish, pork, mangoes
- In the human digestive system fats and oils are digested in the
A. small intestines B. liver
C. large intestines D. duodenum

13. The diagram below shows a weather instrument



It is mainly used to measure

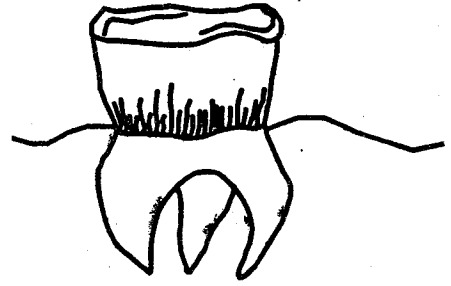
- A. the strength of wind
 B. the direction of wind
 C. the speed of wind
 D. the amount of rainfall
14. Std 5 pupils of Rambo Primary School carried out an experiment as shown below



Which component of soil were the pupils investigating?

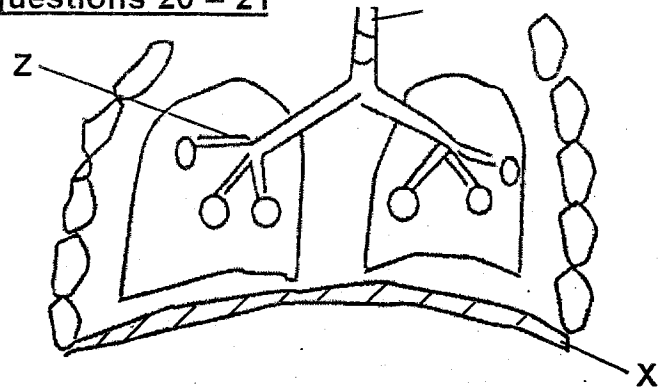
- A. Air
 B. Water
 C. Mineral particles
 D. Humus
15. Three of the following crops store their food in their roots. Which one does NOT?
- A. Yams
 B. Sweet potatoes
 C. Cassava
 D. Irish potatoes
16. Beverages, oil crops and fibre crops are all examples of
- A. food crops
 B. subsistence crops
 C. cash crops
 D. tuber crops

17. The tooth, drawn below is used for



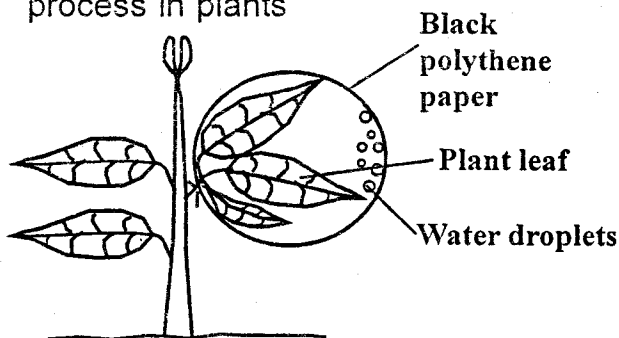
- A. tearing and grinding food
 B. cutting and tearing food
 C. grinding and crushing food
 D. cutting and grinding food
18. Which one of the following statements is NOT TRUE about cumulus clouds?
- A. They cover the whole sky
 B. They have a flat bottom
 C. They indicate fine weather
 D. They are found high in the sky
19. Bile juice is stored in the
- A. pancreas
 B. liver
 C. stomach
 D. gall bladder

Use the diagram below to answer questions 20 – 21



20. When breathing in, the part marked X
- A. moves downwards
 B. expands
 C. contracts
 D. moves upwards
21. The part marked Z is known as
- A. trachea
 B. bronchioles
 C. bronchus
 D. diaphragm
22. A person who is in the second stage of HIV infection is also likely to
- A. test negative
 B. not infect a healthy person
 C. show many signs of infection
 D. test positive

23. Lack of iron in the body causes a deficiency disease known as
 A. kwashiokor B. anaemia
 C. rickets D. marasmus
24. Bleeding gums can also be referred to as
 A. gingivities B. dental cavities
 C. dental caries D. tooth decay
25. Which one of the following is NOT a proper use of medicine?
 A. Not sharing medicine with friends
 B. Not taking unprescribed drugs
 C. Completing the prescribed dosage
 D. Taking an overdose to quicken recovery
26. The following are recreational uses of water. Which one is NOT?
 A. Mixing chemicals B. Boat racing
 C. Sport fishing D. Skiing
27. What does letter I stand for in the initials HIV?
 A. Immunisation
 B. Immunity
 C. Immune
 D. Immunodeficiency
28. Std five pupils of Katuda Primary School carried out an experiment as shown below to investigate a certain process in plants

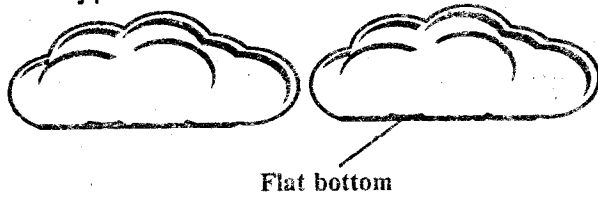


In the above experiment, the pupils were investigating

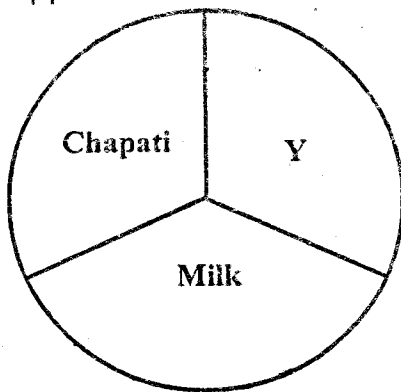
- A. photosynthesis B. transpiration
 C. absorption D. transportation
29. The following crops are cereals except
 A. wheat B. barley
 C. green grams D. sorghum
30. The date after which medicines should NOT be used is known as
 A. manufacturing date
 B. dosage date
 C. prescription date

- D. expiry date
31. Three of the following are useful non-green plants. Which one is NOT?
 A. Yeast B. Mushroom
 C. Athlete's foot D. Penicillium
32. The following are uses of light except
 A. discouraging pests
 B. reading comfortably
 C. warming the house
 D. avoiding accidents
33. Which one of the following weeds has yellow flowers and produces black seeds?
 A. Wandering jew
 B. Black jack
 C. Mexican marigold
 D. Oxalis
34. Medicines which are used to treat known diseases can be described as
 A. vaccines B. antibiotics
 C. pain killers D. drugs
35. Which one of the following is NOT a function of all plant leaves?
 A. Carrying out photosynthesis
 B. Losing excess water to the atmosphere
 C. Carrying out gaseous exchange
 D. storing food
36. When the arrow head of the windvane points to the East, the wind is blowing to the
 A. West B. North
 C. East D. South
37. The roots found in a sorghum plant are known as
 A. fibrous roots B. tap roots
 C. breathing roots D. aerial roots
38. Which of the following statements is true about convection? It is the
 A. transfer of heat in liquids only
 B. transfer of heat in liquids and gases
 C. transfer of heat in gases only
 D. transfer of heat in solids
39. Which one of the following is NOT a good conductor of heat?
 A. Plastic cup
 B. Copper wire
 C. Aluminium sufuria
 D. Metal rod

40. The type of clouds shown below also



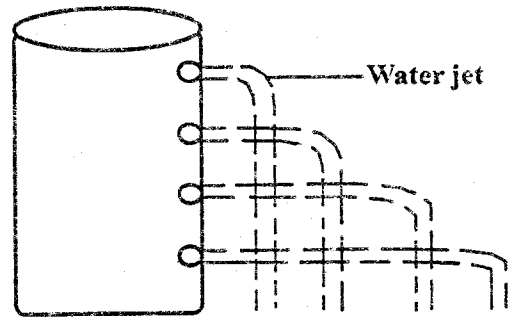
- A. appear low in the sky
 - B. bring heavy rainfall
 - C. have an irregular shape
 - D. indicate fine weather
41. Humus in the soil comes from
- A. dead plants and animals
 - B. dead plastics and animals
 - C. sand particles and gravel
 - D. dead animals and paper bags
42. The diagram below shows Mary's plan for supper



For a balanced meal, what should Y represent?

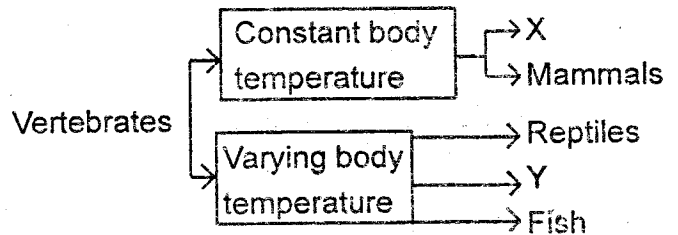
- A. Beans
 - B. Meat
 - C. Vegetables
 - D. Chips
43. Three of the following are fibre crops. Which one is NOT?
- A. Sisal
 - B. Flax
 - C. Cotton
 - D. Sunflower
44. The following are ways of maintaining simple tools except
- A. using them for the right job
 - B. cleaning them after use
 - C. sharpening cutting tools
 - D. using them regularly
45. The change of water into ice is known as
- A. melting
 - B. evaporation
 - C. condensation
 - D. freezing

46. The set up below was arranged by Std 5 pupils of Nduru Primary School



What did they conclude?

- A. Pressure in liquids decreases with depth
 - B. Pressure in liquids is lowest at the bottom
 - C. Pressure in liquids increases with depth
 - D. Pressure in liquids is equal at the same depth
47. Which of the following is the importance of fibre in a diet?
- A. To prevent dehydration
 - B. To prevent diarrhoea
 - C. To prevent rickets
 - D. To prevent constipation
48. The diagram below shows classification of vertebrates



Which one of the following does X and Y represent?

- A. Birds and amphibians
 - B. Birds and insects
 - C. Amphibians and lizards
 - D. Invertebrates and amphibians
49. A child with weak bones suffers from
- A. kwashiokor
 - B. rickets
 - C. anaema
 - D. marasmus
50. Heat from the sun reaches the earth through
- A. convection
 - B. conduction
 - C. radiation
 - D. vacuum