

SCHOOL BASED ASSESSMENT TEST

STANDARD 5 - YEAR 2021

5



007

SCIENCE

READ THESE INSTRUCTIONS CAREFULLY.

Time : 1 Hour 40 Minutes

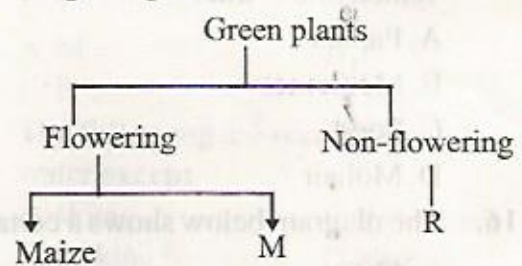
1. You have been given this question paper and a separate answer sheet. The question paper contains 50 questions.
2. Make sure that you have written on the answer sheet.

1. In the initials AIDS the letter "D" stands for deficiency which means:
A. to get from
B. to lack
C. many signs and symptoms
D. body's immunity
2. Which one of the following is **not** a source of light?
A. Firefly
B. Torch
C. Stars
D. Moon
3. Which part of the human digestive system is **not correctly** matched with the digestive juice produced?
A. Stomach → Gastric juice
B. Liver → Bile juice
C. Small intestine → Pancreatic juice
D. Mouth → Saliva
4. The diagram below shows a certain type of a human tooth.



- The function of the above tooth is;
- A. tearing and gripping
 - B. tearing and crushing
 - C. biting and cutting
 - D. crushing and grinding
5. The type of weed which is poisonous and has thorns on its fruits is called:
A. thorn apple
B. sodom apple
C. mexican marigold
D. black jack

6. The second stage of HIV infection is known as:
A. asymptomatic
B. window
C. full blown
D. symptomatic
7. Which phase of the moon is invisible from the earth?
A. Crescent
B. Full moon
C. New moon
D. Gibbous
8. Which one of the following is **not** a good behaviour when having meals?
A. Closing the mouth while chewing food.
B. Leaking the fingers when the food is delicious.
C. Not talking with food in the mouth.
D. Eating enough quantities of food at a time.
9. The chart below shows a simple classification of green plants.



- Letters M and R represents;
- A. beans, cactus
 - B. wheat, toadstool
 - C. sugarcane, mushrooms
 - D. green grams, moss
10. A child who has brownish and thin hair is also **likely** to;
A. look like an old person
B. have swollen parts of the body
C. feel hungry quite often
D. have visible bones and ribs

11. In the digestive system the digestion of fats and oils take place in the;

- A. small intestines
- B. duodenum
- C. large intestines
- D. stomach

12. The **main** reason why a raingauge is dug 15cm below the surface is to;

- A. prevent surface water from splashing into the funnel
- B. withstand harsh weather condition
- C. prevent evaporation of rain water
- D. make accurate measurement

13. Which group of foods below **does not** make a balanced diet?

- A. Eggs, pawpaw, chapati
- B. Water melon, spinach, ugali
- C. Rice, meat, kales
- D. Beans, ugali, oranges

14. The type of soil that has a coarse texture is also **likely** to;

- A. crack when dry
- B. make the largest ribbons
- C. have large air spaces
- D. be the best for farming

15. The following are products from plants. Which one is **not**?

- A. Papers
- B. Medicines
- C. Food
- D. Mohair

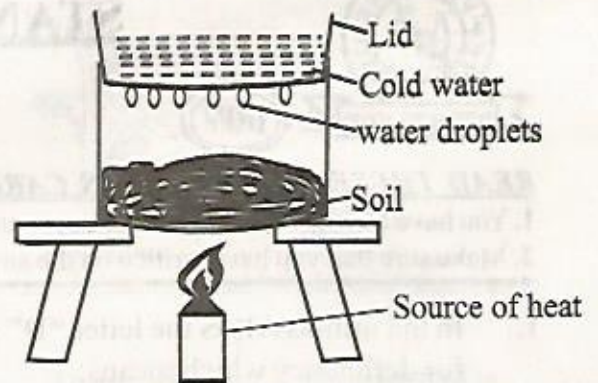
16. The diagram below shows a certain plant



The plant can be classified as;

- A. a fibre crop
- B. a beverage crop
- C. an oil crop
- D. a tuber crop

17. Std 5 Pupils did the experiment below to investigate the components of soil



Which component were they investigating?

- A. Water
- B. Humus
- C. Air
- D. Mineral particles

18. Which of the following farming activities carried out by a farmer during a dry season?

- A. Planting
- B. Weeding
- C. Harvesting
- D. Pruning

19. Which one of the following is **not** a problem related to teeth?

- A. Bad breath
- B. Shedding teeth
- C. Tooth decay
- D. Tooth cavities

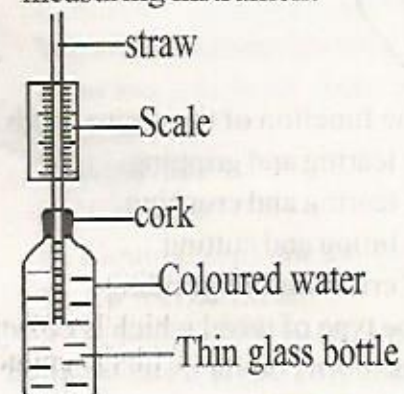
20. Which one of the following animals protects itself by coiling?

- A. Snake
- B. Centipede
- C. Snail
- D. Millipede

21. Which one of the following is the importance of fibre in the diet?

- A. Making blood
- B. Cooling the body
- C. Releasing nutrients
- D. Preventing constipation

22. The diagram below shows a weather measuring instrument

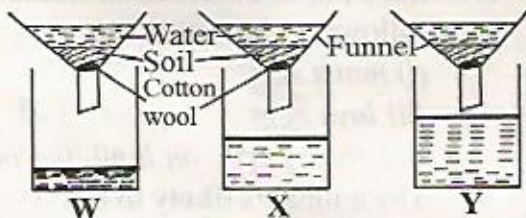


Which one of the following happens when temperature increases?

- A. The scale increases downwards
- B. Water rises in the straw

- C. Water drops in the straw
D. The glass bottle breaks

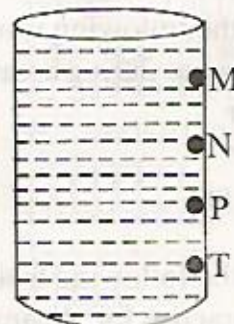
23. Which animal below is **not** an invertebrate?
A. Snail B. Snake
C. Earthworm D. Spider
24. Which of the following animals is harmful?
A. Fish B. Dog
C. Hare D. Termite
25. The following foods help in body building and repair **except**:
A. green bananas B. eggs
C. beans D. milk
26. Std 5 pupils did the experiment below to investigate drainage in different soils;



Which soil is rich in organic matter?

- A. W B. X
C. Y D. None
27. Which animal below is **not** an amphibian?
A. Frog
B. Toad
C. Gecko
D. Salamander
28. The following are functions of plant leaves **except**:
A. gaseous exchange
B. making plant food
C. anchoring the plant
D. storing food
29. Three of the following are ways of transporting water. Which one is **not**?
A. using pipes
B. using tankers
C. using taps
D. using animals
30. The soil that makes the longest ribbons
A. has the largest air spaces
B. cracks when dry
C. is the lightest
D. has a rough texture

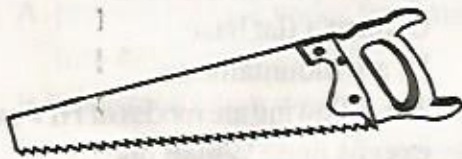
31. Which one of the following is **not** a proper use of medicine?
A. Taking medicine only when sick
B. Completing the prescribed dosage
C. Following the doctor's prescription
D. Sharing medicine with family members
32. The type of clouds found low in the sky
A. are feathery
B. indicate fair weather
C. have a flat base
D. are mountainous
33. The following are modes of HIV transmission **except** one. Which one?
A. Blood transfusion
B. Sexual intercourse
C. Showing body-piercing tools
D. Sharing utensils
34. Std five pupils filled a tin with water as shown below.



Which hole threw water furthest from the tin?

- A. M B. N
C. P D. T
35. The following are recreational uses of water **except**
A. skiing B. swimming
C. making fountains D. surfing
36. The ability of the body to fight against diseases is called:
A. immunity B. deficiency
C. syndrome D. strength
37. Which one of the following produces sound by plucking?
A. Drum B. Guitar
C. Horn D. Flute
38. The medicines taken to cure a known disease are called
A. antibiotics B. pain killers
C. vaccines D. supplements

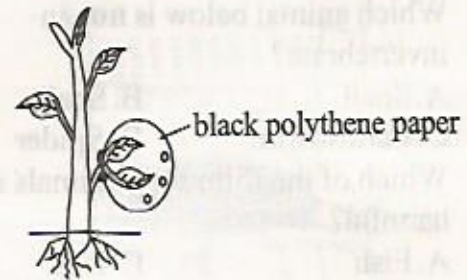
39. Which one of the following is **not** an effect of moving air?
- Winnowing grains
 - Felling trees
 - Blowing away soil
 - Blowing off house rooftops
40. The diagram below shows a certain simple tool.



The tool shown above is used for

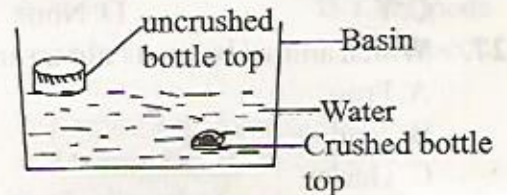
- trimming fences
 - splitting fire wood
 - cutting timber
 - joining pieces of wood
41. Which one of the following is **not** a function of the nose during breathing?
- Warming air
 - Cleaning air
 - Moistening air
 - Drying air
42. Which one of the following is **not** a maintenance practise for all simple tools?
- Cleaning after use
 - Proper use of tools
 - Sharpening cutting tools
 - Oiling all tools
43. Which crop below is **not** a legume?
- Groundnuts
 - Peas
 - Green grams
 - Sorghum
44. Which one of the following is **not** a characteristic of all mammals? They
- give birth
 - are covered with fur or hair on their bodies
 - have a constant body temperature
 - are vertebrates
45. Which one of the following is **not** an importance of proper lighting in a house?
- To see clearly
 - To warm the house
 - To discourage pests
 - To read comfortably

46. Std 5 pupils did the experiment below to investigate a certain process in plants.



The process being investigated is

- transpiration
 - photosynthesis
 - breathing
 - absorption
47. Std 5 pupils observed an animal with the following characteristics;
- moist skin
 - lays eggs
 - lives partly on land and in water
- The animal is **likely** to be
- whale
 - crocodile
 - salamander
 - duck
48. Std 5 pupils did the experiment below.



Which factor affecting floating and sinking were they investigating?

- Material
 - Size
 - Shape
 - Mass
49. Which weather instrument below is used to measure both the direction and strength of wind?
- Windvane
 - Windsock
 - Liquid thermometer
 - Air thermometer
50. The chemicals used to control the growth of unwanted plants are called;
- pesticides
 - acaricides
 - herbicides
 - insecticides