



5

SCHOOL BASED ASSESSMENT TEST

STANDARD 5 - YEAR 2021

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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?

3. A. Firefly
B. Torch
C. Stars
D. Moon

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;

6. The second stage of HIV infection is known as:

- A. asymptomatic
B. window
C. full blown
D. symptomatic

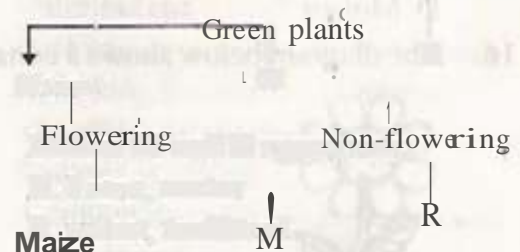
7. Which phase of the moon is invisible from the earth?

- 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.



Maize

M

R

- 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 fruit is called:
- A. thorn apple
 - B. sodom apple
 - C. mexican marigold
 - D. blackjack

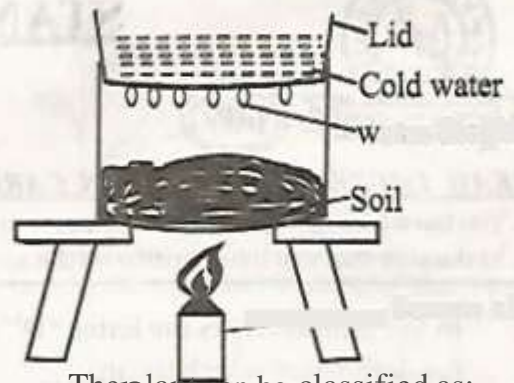
Letters M and R represents;

- 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;

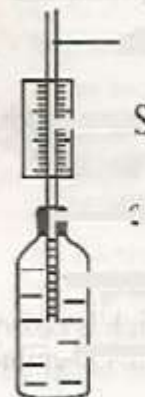
- A. look like an old person
- B. have swollen parts of the body
- C. feel hungry quite often
- D. have visible bones and ribs

11. In the digestive system the digestion of fats and oils take place in the;
- small intestines
 - duodenum
 - large intestines
 - stomach
12. The main reason why a rain gauge is dug 15cm below the surface is to;
- prevent surface water from splashing into the funnel
 - withstand harsh weather condition
 - prevent evaporation of rain water
 - make accurate measurement
13. Which group of foods below **does not** make a balanced diet?
- Eggs, pawpaw, chapati
 - Water melon, spinach, ugali
 - Rice, meat, kales
 - Beans, ugali, oranges
14. The type of soil that has a coarse texture is also likely to;
- crack when dry
 - make the largest ribbons
 - have large air spaces
 - be the best for farming
15. The following are products from plants. Which one is **not**?
- Papers
 - Medicines
 - Food
 - Mohair
16. The diagram below shows a certain plant



The plant can be classified as;

- a fibre crop
- a beverage crop
- an oil crop
- a tuber crop



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

Water droplets

☀ Source of heat

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

straw

☀ Gale

☀ Wind

☀ Coloured water

☀ Thin glass bottle

Which one of the following happens when temperature increases?

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

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

30. The soil that makes the longest ribbons



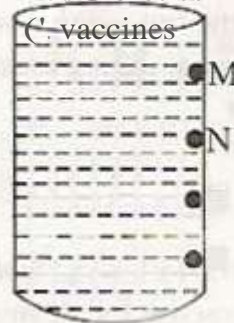
- A. has the largest air spaces
- B. cracks when dry
- C. is the lightest
- D. has the most water

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?

A. Warming

B. Felling trees

C. Blowing away soil

D. Blowing off house rooftops

40. The diagram below shows a certain simple tool.

The tool shown above is used for

A. trimming fences

B. splitting fire wood

C. cutting timber

D. joining pieces of wood

41. Which one of the following is **not** a function of the nose during breathing?

A. Warming air

B. Cleaning air

C. Moistening air

D. Drying air

42. Which one of the following is **not** a maintenance practise for all simple tools?

A. Cleaning after use

B. Proper use of tools

C. Sharpening cutting tools

D. Oiling all tools

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



black polythene paper

The process being investigated is

A. transpiration

B. photosynthesis

C. breathing

D. absorption

47. Std 5 pupils observed an animal with the following characteristics;

(i) moist skin

(ii) lays eggs

(iii) lives partly on land and in water

The animal is likely to be

A. whale

B. crocodile

C. salamander

D. duck

48. Std 5 pupils did the experiment below.

crushed



43. Which crop below is **not** a legume?

- A. Groundnuts B. Peas
C. Green grams D. Sorghum
44. Which one of the following is **not** a characteristic of all mammals? They
- A. give birth
B. are covered with fur or hair on their bodies
C. have a constant body temperature
D. are vertebrates
45. Which one of the following is **not** an importance of proper lighting in a house?
- A. To see clearly
B. To warm the house
C. To discourage pests
D. To read comfortably
- Which factor affecting floating and sinking were they investigating?
- A. Material B. Size
C. Shape D. Mass
49. Which weather instrument below is used to measure both the direction and strength of wind?
- A. Windvane
B. Windsock
C. Liquid thermometer
D. Air thermometer
50. The chemicals used to control the growth of unwanted plants are called;
- A. pesticides
B. acaricides
C. herbicides
D. insecticides