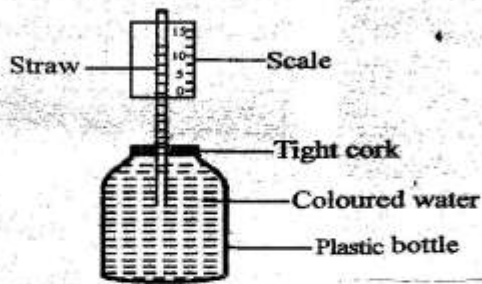


STANDARD 7 END TERM 1 EXAM 2019

SCIENCE

1. Which of the following is **not** a characteristics of a wind pollinated flower?
- A. Small smooth pollen grains
 - B. Sticky pollen grains
 - C. Dull petals
 - D. No scent.

2. Standard 5 pupils constructed the weather instrument below.



Which mistake was done?

- A. They used coloured water
 - B. The scale is from bottom to top
 - C. There is an air tight cork
 - D. They used a plastic bottle.
3. A mirror is _____
- A. transparent
 - B. translucent
 - C. dull
 - D opaque
4. Living things that stay in water obtain their oxygen from?
- A. water
 - B. soil
 - C. air
 - D. plants

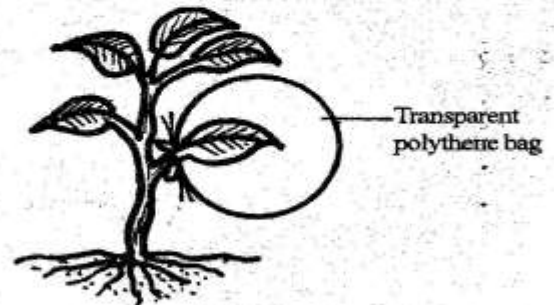
5. Plants can depend on other plants for all the following except one. Which one?

- A. Shade
- B pollination
- C. Habitat
- D. Support

6. The blood flows to the lungs through the

- A. pulmonary vein
- B. pulmonary artery
- C. vena cava
- D. Aorta

7. The experiment below was set by class five pupils in Mokotia primary school.



What were the children's conclusion?

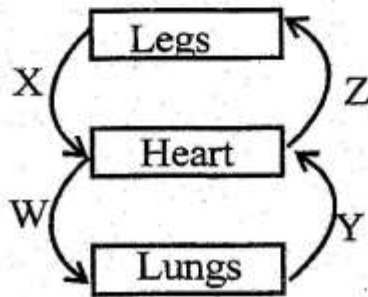
- A. Plants make food.
- B. Plants loose water.
- C. Plants are green in colour.
- D. Animals depend on plants for food.

8. Which animal below **does not** belong to the group listed?
- A. Salamander
 - B. Frog
 - C. Lizard
 - D. Toad
9. HIV and Aids can be spread through all the following fluids **except**:-
- A. blood transfusion
 - B. vaginal discharge
 - C. semen
 - D. sweat
10. Which disease below does not belong to common communicable diseases?
- A. Tuberculosis
 - B. Malaria
 - C. Polio
 - D. Typhoid
11. Which of the following plants below is **best** in producing oil?
- A. simsim
 - B. flax
 - C. palm
 - D. sisal
12. Which of the following animals feeds provide the animal with proteins?
- A. Maize germ
 - B. Dairy meal
 - C. Lucern
 - D. Wheat bran
13. Sound will travel best in
- A. liquids
 - B. gases
 - C. solids
 - D. vacuum
14. Tooth cavity is a problem related to teeth. Its **main** cause is
- A. sugary food
 - B. biscuits
 - C. acid
 - D. soft sweet things
15. Which one of the following statements is **correct**?
- A. Yellow fever vaccine is given three times
 - B. Polio vaccine is give six times
 - C. DPT vaccine cure three diseases
 - D. DPT and measles vaccine are not given at the 14th week.

16. Which one of the following chambers of heart receives blood rich in carbon dioxide first?

- A. Right auricle
- B. Left ventricle
- C. Left auricle
- D. Right ventricle

17. The diagram below illustrates the human circulatory system.



Which pair of blood vessels carries deoxygenated blood?

- A. W and Y
 - B. X and Z
 - C. Y and Z
 - D. X and Z
18. Which of the following is **not** a social effects of drug abuse?
- A. Accidents
 - B. Irresponsible and neglect
 - C. Rape
 - D. Lack concentration

19. Which drug below cause a drowsiness when abused?

- A. Miraa
- B. Nicotine
- C. Cocaine
- D. Heroin

20. Which of the following is a biotic component of the environment?

- A. Animal
- B. Soil
- C. Light
- D. Sound

21. Which of the following is **not** a condition necessary for photosynthesis?

- A. Water
- B. Oxygen
- C. Carbon dioxide
- D. Sunlight

22. Below there is a food chain.

Maize rats snake hawk

if the snakes were poisoned and died gradually.

What would happen immediately?

- A. Rats would decrease
- B. Hawks would decrease
- C. Maize would increase
- D. Nothing will happen

23. Which of the following animals parasites attack all domestic animals?

- A. Ticks
- B. Tsetseflies
- C. fleas
- D. Liverflukes

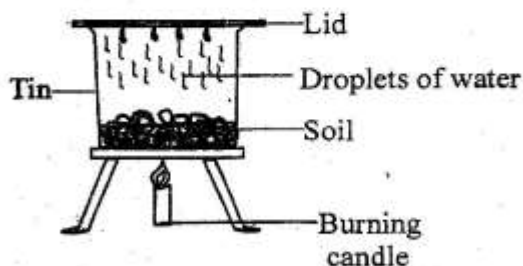
24. Water cannot be contaminated by

- A. human faeces
- B. soil particles
- C. animal dung
- D. treated sewage.

25. All the following are characteristics of all animals **except**:-

- A. they feed
- B. make food
- C. reproduce
- D. excretion

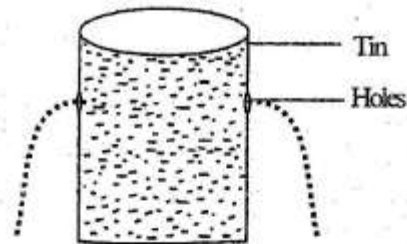
26. Below is an experiment to investigate component of soil.



What was being investigated above?

- A. Water has soil.
- B. Soil has air.
- C. Soil has moisture.
- D. Humus in soil.

27. The diagram below shows that



- A. pressure in liquids is equal at same depth
- B. pressure in liquids increases with depth
- C. pressure in liquids is exerted in all directions
- D. pressure in liquids increases with height

28. Which teeth are used for chewing and tearing respectively?

- A. Molars and incisors
- B. Premolars and canines
- C. Incisors and premolars
- D. Canine and molars

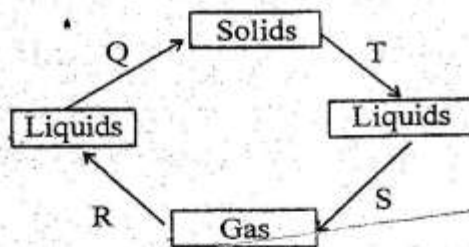
29. The disease with the following signs is likely to be

- (i) skin rashes
- (ii) vomiting
- (iii) fever
- (iv) pain in the joint and muscles

- A. cholera
- B. malaria
- C. typhoid
- D. pneumonia

30. Which soil erosion is also known as a land slide?
- sheet erosion
 - gully erosion
 - rill erosion
 - splash erosion

Below are processes of change of states use it to answer questions 31 and 32.



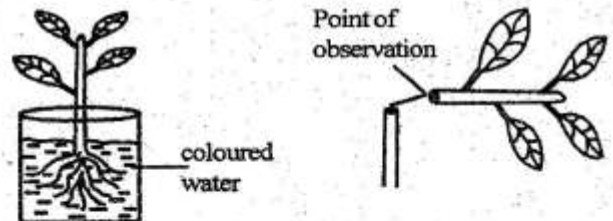
31. Which two processes need absorption of heat from the surrounding?
- Q and T
 - T and S
 - S and R
 - R and T
32. Which are the processes labelled R and Q?
- Condensation and freezing.
 - Condensation and evaporation.
 - Condensation and melting.
 - Evaporation and melting.
33. Which organ stores bile juice?
- Liver
 - Duodenum
 - Gall bladder
 - Pancrease

34. Which food is a protective food?
- Ripe banana
 - Green banana
 - Ugali
 - Milk

35. A mature broiler poultry is ready for slaughter at the age of
- two years
 - four weeks
 - three months
 - two months

36. Excessive use of farm chemical mainly pollute?
- Soil
 - Air
 - Plants
 - Water

37. A young plant was uprooted and supported in a basin with coloured water. The stem was then cut and observed.



What was being investigated above?

- transpiration of water
- absorption of water
- making of water
- movement of food from leaves.

38. Which planet has the shortest orbit?

- A. Neptune
- B. Jupiter
- C. Mercury
- D. Earth

39. Mass or quantity of matter can be measured using all the following **except**:-

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

40. The reproductive part of the plant is the

- A. ovary
- B. fruit
- C. ovule
- D. flower

41. In which one of the following methods of grazing is an electric fence used?

- A. herding
- B. paddocking
- C. tethering
- D. strip grazing

42. Sea mammals breathe through

- A. gills
- B. skin
- C. spiracles
- D. lungs

43. Clouds are described according to all the following **except**:-

- A. appearance
- B. shape
- C. size
- D. height

44. Valves are present in the

- A. heart and veins
- B. arteries and veins
- C. veins and capillaries
- D. heart and arteries

45. Most pans of cooking utensils are made of wood because wood

- A. is a good insulator
- B. is a bad insulator
- C. is a good conductor
- D. is cheap.

46. Heat from the sun reaches the earth surface by

- A. radiation only
- B. convection only
- C. conduction only
- D. conduction and radiation

47. Which of the following will prevent the spread of both malaria and bilharzia?

- A. Boiling drinking water
- B. Draining stagnant water
- C. Wearing gloves when working in water
- D. Clearing bushes around homesteads.

48. The roughness or smoothness of soil is known as

- A. structure
- B. finess
- C. texture
- D. coarseness

49. Which statement is **untrue** about both fish and amphibians?

- A. Both live in water
- B. Both are vertebrates
- C. Both have varying body temperature
- D. Lay unfertilized eggs

50. Which phase of the moon is not visible on earth surface?

