

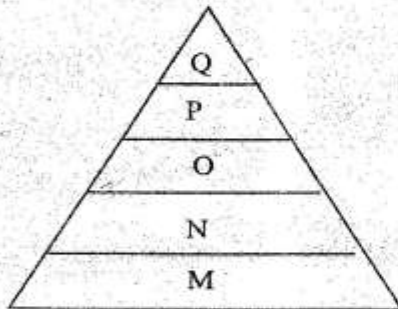
STANDARD 8 END TERM 1 EXAM 2019

SCIENCE

1. The **main** function of roots in a hydrophyte is to
- A. make food
 - B. store food
 - C. balance the plant in water
 - D. absorb water and minerals.

2. Which body part in both an excretory and respiratory organ?
- A. lungs
 - B. Kidney
 - C. Blood
 - C. Heart

3. The following diagram shows the levels of food relationship.



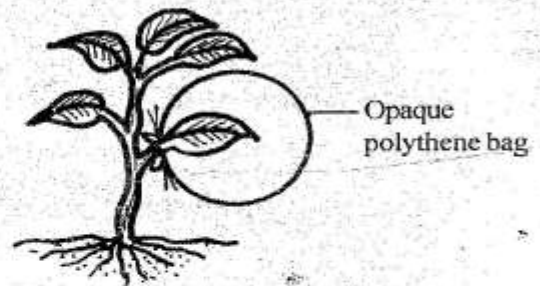
Which of the animals would best fit level Q?

- A. Bacterias
 - B. Vultures
 - C. Grass
 - D. Lion
4. The following are methods of heat transfer in matter **except**:-
- A. expansion
 - B. conduction
 - C. convection
 - D. radiation

5. The following are ways of spreading HIV and AIDS. Which one is **not**?

- A. Infected mother to child during birth
- B. Shaking hands with infected
- C. Sexual intercourse with the infected
- D. Blood transfusion with an infected

6. Std 4 pupils did the experiment shown below.



What were the pupils trying to investigate?

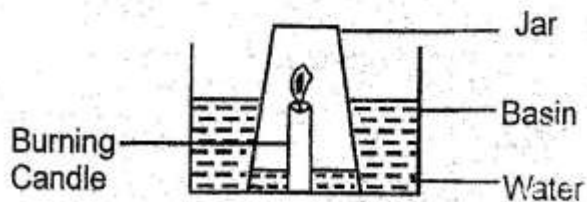
- A. Absorption
- B. Photosynthesis
- B. Transportation
- D. Respiration

7. Parts of plants are removed in order to control pests. This is known as

- A. weeding
- B. roguing
- C. uprooting
- D. pruning

8. The splitting of white light into colours is called
- refraction
 - dispersion
 - spectrum
 - reflection
9. Which method of food preservation below is **likely** to be used in rural areas
- Use of low temperatures
 - Canning
 - Refrigeration
 - freezing
10. The loudness or softness of sound depends on
- vibrations
 - pitch
 - force applied
 - volume.
11. Which one of the following STD's is not caused by a bacteria?
- Gonorrhoea
 - Syphilis
 - HIV/AIDS
 - Chancroid

12. Which internal parasite attacks both fish and poultry?
- Liveflukes
 - Roundworm
 - Lung worm
 - tapeworm
13. The **main** value of breast milk is to
- germination
 - easy to digest
 - to bond the mother and baby
 - to boost baby's immunity
14. The nature of damage caused on crops by **pests** depends on;
- type of pests
 - type of crops
 - age of pests
 - type of mouth of a pests
15. The temperature at which a substance melts is the same temperature at which it?
- freezes
 - evaporates
 - boils
 - expands
16. The experiment below was set up by std 6 pupils in Furaha primary school.



- What was being investigated?
- Air exerts pressure
 - Air expands when heated
 - part of air is used in burning
 - air occupy space.

17. Which two diseases can be prevented by draining stagnant water?

- A. Malaria and typhoid
- B. Bilharzia and cholera
- C. Malaria and bilharzia
- D. Vomiting and cholera

18. Which of the following methods of conserving soil can also preserve moisture?

- A. Contour farming
- B. Cover cropping
- C. Terracing
- D. Mulching

19. Which of the following animals is least fitting into the group?

- A. Spider
- B. Scorpion
- C. Ticks
- D. Flea

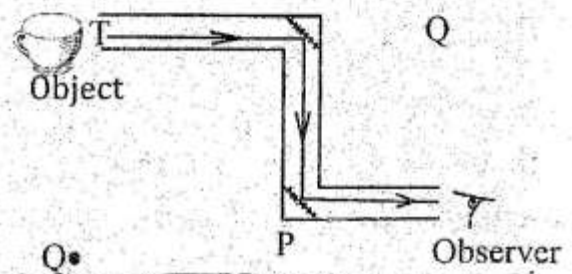
20. Which is the 7th and 3rd planets respectively?

- A. Earth and Uranus
- B. Uranus and Earth
- C. Neptune and Earth
- D. Saturn and Neptune

21. When making a hole of a beam balance should be

- A. narrow
- B. small
- C. wide
- D. very small

22. Study the diagram below for questions 22 and 23.



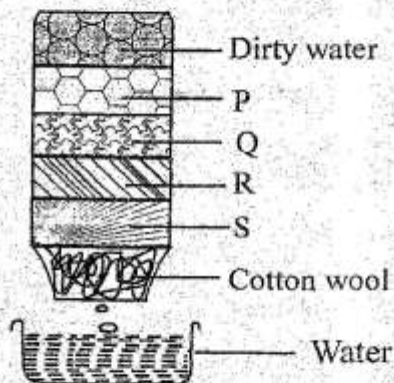
Which letter shows position in which the image is seen?

- A. T
- B. S
- C. Q
- D. P

23. The above diagram work under the principle of

- A. light move around corners
- B. light is refracted
- C. light is reflected
- D. bending of light

24. Which of the following is not a safety measure against lightning?
- Fitting a lightning arrestors
 - Avoid wearing thick rubber shoes
 - Avoid walking in open fields when its raining
 - Not sheltering under trees when its raining
25. The main reason why top soil is added to compost is to
- add nutrients
 - aerate the compost
 - make the compost finer
 - introduce decomposers
26. The experiment of a home made filter below was set by std 7 pupils. uses it to fill question 26 and 27.



What is represented by letter P and S respectively?

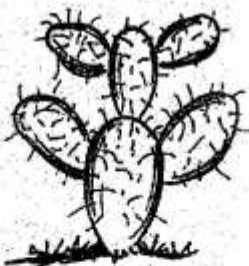
- Fines sand and charcoal
- Fine sand and pebbles
- Sand and soil
- Charcoal and pebbles

27. The main use of part Q is to
- absorbs the dirty colour
 - cooling the water
 - make the water
 - adding minerals in water
28. The following are signs of an health in crops. Which one is not?
- Curled leaves
 - Wilting of plants
 - Green leaves
 - Discoloured leaves
29. Which one of the following is not a special sound?
- Car booting
 - Baby crying
 - Ambulance siren
 - Ringing of a bell.
30. The type of soil erosion where it is identified with exposed roots of plants is known as
- gully erosion
 - rill erosion
 - slash erosion
 - sheet erosion
31. Which of the following birds does not have a webbed feet?
- Turkey
 - Flamingo
 - Duck
 - Seagull

32. The beak drawn below is for a bird it is likely for a



- A. tearing flesh
 B. sucking nectar
 C. pecking grains
 D. filtering food from water
33. Below is a diagram of a certain plants that grown in dry areas.



The plant is adapted to dry weather such that it uses the _____ to make food.

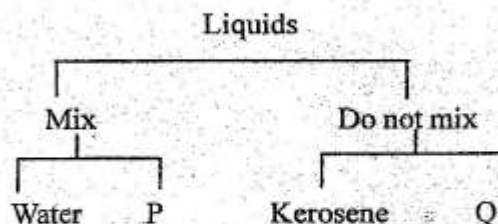
- A. leaves
 B. stem
 C. flowers
 D. roots

34. Pressure in liquids can be described as follows **except**:-
 A. pressure in liquids increases with depth
 B. pressure in liquids is equal at same depth
 C. pressure in liquids decreases with depth
 D. pressure in liquids is exerted

35. Which of the following effect will not change the state of matter?
 A. Heating water to vapour
 B. Freezing some juice
 C. Crushing a sweet into powder
 D. Cooling gases into liquids

36. Plants are classified into two main groups namely?
 A. cash crops and food crops
 B. flowering and non flowering
 C. classification
 D. green and non-green plants

37. The chart below represents a simple classification of liquids.



Which liquids are represented by P and Q?

- | P | Q |
|----------------------|-------------------|
| A. Turpentine | engine oil |
| B. Cooking oil | milk |
| C. Engine oil | methyalted spirit |
| D. Methyalted spirit | milk |

38. Which of the following consists of only substances that have definite shape?

- A. Stone, kerosene, carbon dioxide.
- B. Oil, toothpaste, glue.
- C. Clay, flour, cement.
- D. Nitrogen oxygen water vapour.

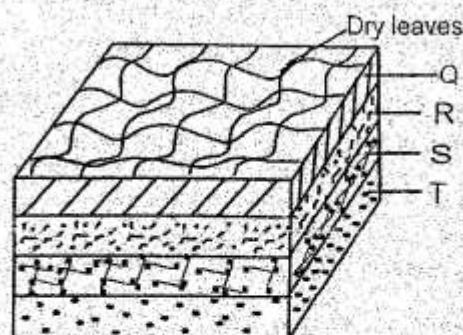
39. A spherule made up of steel weighing 1000g floats on water while a nail made of iron weighing 50g sinks. This is because of difference in

- A. type of material
- B. shape
- C. volume
- D. mass

40. A rain gauge is dug 15cm below into the ground to;

- A. avoid splashing of water
- B. make it beautiful
- C. fetch more water
- D. prevent evaporation

The diagram below shows composts heap.



41. Which letter shows the layer of materials that adds nutrients into manure.

- A. Q
- B. R
- C. S
- D. T

42. The following are requirements of a good health **except**:-

- A. exercise
- B. rest
- C. sleep
- D. decent housing

43. The following are examples of saprophytes **except**:-

- A. toadstool
- B. mushroom
- C. moulds
- D. butterwort

44. The **main** reason for having treads on a car tyre is to
- A. make it look attractive
 - B. increase friction
 - C. make it slippery
 - D. reduce friction

45. Which of the following is **not true** about a frog?
- A. Breath through lungs
 - B. Has scales
 - C. Has moist skin
 - D. Its cold blooded

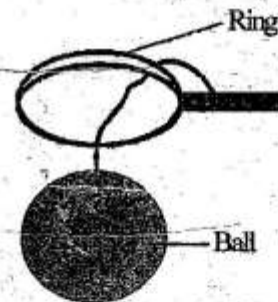
46. The **most** effective method of disposing plastics broken glass is
- A. recycling
 - B. re-using
 - C. throwing in pit latrines
 - D. burying

47. Which of the following plants have similar types of leaves and roots?
- A. Grass, sweet potatoes, carrots
 - B. Beans, kale, cowpeas
 - C. Cabbage, wheat, rice
 - D. Tomato, millet, mango

48. Which medicines are also known as antibiotic?
- A. Pain relievers
 - B. Vaccines
 - C. Curatives
 - D. Analgesics

49. A force that oppose motion is called
- A. friction
 - B. pressure
 - C. upthrust
 - D. depth

50. A group of std 5 pupils carried an experiment using a ball and a ring as shown below.



What were they investigating?

- A. expansion and contraction
- B. contraction and freezing
- C. expansion and melting
- D. bending and expansion

