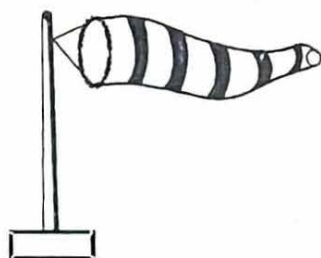


1. When modelling the solar system, the **most** appropriate material to use when making the sun would be

A. papier mache      B. cotton wool  
C. light bulb      D. manilla paper.

2. The diagram below represents a certain weather instrument.



Which two aspects of weather does the instrument measure?

A. Air pressure and strength of wind.  
B. Strength of wind only.  
C. Direction of wind only.  
D. Strength and direction of wind.

3. Which of the following planets takes the fifth and the second positions in the solar system **respectively**?

A. Jupiter and Venus.  
B. Venus and Jupiter.  
C. Saturn and Mars.  
D. Earth and Uranus.

4. Deficiency of iron in a person's diet may lead to a person suffering from a disease called

A. ricket      B. anaemia  
C. kwashiorkor      D. marasmus.

5. Which one of the following is a pair of only protective foods?

A. Ugali and sweet potatoes.  
B. Chicken and fish.  
C. Cabbage and beans  
D. Watermelon and spinach.

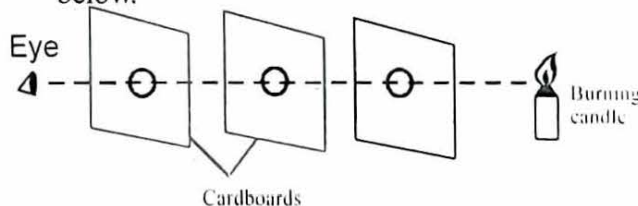
6. Which one of the following methods of preserving food is **both** modern and traditional?

A. Use of ash.  
B. Salting.  
C. Drying.  
D. Canning.

7. The following are ways of providing light to a house naturally. Which one is **not**?

A. Using a hurricane lamp.  
B. Opening large windows.  
C. Opening doors.  
D. Using translucent roofs.

8. Class six pupils did the experiment shown below.



The aspect of light they were investigating was

A. how light travels  
B. reflection of light  
C. dispersion of light  
D. bending of light.

9. Heat from a charcoal stove spreads in a room **mainly** through

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

10. Three of the following are ways through which one can play with soil. Which one is **not**?

A. Feeling the soil.  
B. Filling and emptying containers with soil.  
C. Planting of crops.  
D. Drawing on soil.

11. Sid 5 pupils filled glass bottles with different quantities of water. They then hit each bottle using a nail. The aspect of sound they were investigating was
  - A. direction of sound
  - B. loudness and softness
  - C. special sounds
  - D. speed of sound.
12. Which one of the following statements **best** describes a molar tooth?
  - A. Ridged and sharp.
  - B. Cusped and broad.
  - C. Flat and cusped.
  - D. Broad and flat.
13. In which parts of the human digestive system does digestion of food end?
  - A. Large intestine.
  - B. Stomach.
  - C. Anus.
  - D. Small intestine.
14. In human beings, the male reproductive cells are produced in the
 

|            |           |
|------------|-----------|
| A. urethra | B. testis |
| C. uterus  | D. ovary. |
15. The type of counselling done before getting HIV test results is known as
  - A. voluntary test counselling
  - B. elisa test
  - C. pre-test counselling
  - D. post-test counselling.
16. The following are immunisable diseases.
  - (i) Measles
  - (ii) Tuberculosis
  - (iii) Diphtheria
  - (iv) Yellow fever
  - (v) Poliomyelitis
 Which pair is made up of diseases vaccinated at the age of nine months **only**?
  - A. (ii) and (iv)
  - B. (v) and (iii)
  - C. (i) and (iv)
  - D. (i) and (v)

17. Medicine that remains after a patient has recovered should be
  - A. thrown in the pit latrine
  - B. kept away from children's reach
  - C. labelled before storage
  - D. given to other patients.
18. The following are ways of controlling weeds. Which one is **not**?
  - A. Mulching.
  - B. Digging them out.
  - C. Uprooting.
  - D. Harvesting the weeds.
19. The diagram below represents a certain type of food crop.



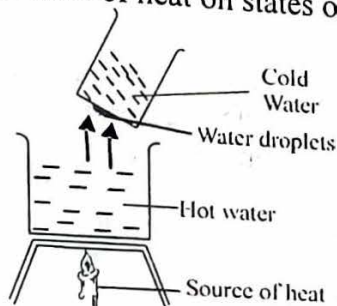
- The food crop shown above is classified as
- |                   |                       |
|-------------------|-----------------------|
| A. an oil crop.   | B. a fibre crop.      |
| C. a cereal crop. | D. a leguminous crop. |
20. During the process of germination of a bean seed, the second stage is
    - A. bursting of the testa
    - B. coming out of the radicle
    - C. air and water entering the seed
    - D. swelling of the seed.
  21. Which one of the following states of matter has a definite mass but does **not** have a definite volume?
 

|           |                  |
|-----------|------------------|
| A. Sugar. | B. Toothpaste.   |
| C. Soil.  | D. Water vapour. |
  22. The following are importance of wind. Which one is **not**? It helps in
    - A. winnowing
    - B. felling trees
    - C. driving windmills
    - D. sailing boats.

23. Which one of the following pairs of processes requires an increase in temperature?

- A. Condensation and evaporation.
- B. Contraction and melting.
- C. Freezing and evaporation.
- D. Melting and evaporation.

24. The diagram below shows an experiment that was done by std 5 pupils to demonstrate a certain effect of heat on states of matter.



The effect of heat they were investigating was

- A. melting
- B. condensation
- C. freezing
- D. evaporation.

25. Which pair of items does **not** contain personal items?

- A. Blanket and toothpaste.
- B. Socks and toothbrush.
- C. Comb and hairbrush.
- D. Handkerchief and socks.

26. The ability of an object placed on a surface to remain still unless it is pushed is

- A. energy
- B. friction
- C. stability
- D. inertia.

27. A beam balance is an equipment that is used to

- A. determine the volume of objects
- B. measure the force resisting motion
- C. measure the pull or push of objects
- D. measure the quantity of matter in objects

28. Which one of the following is **not** an aspect of pressure exerted by liquids? Pressure in liquids

- A. increases with depth
- B. acts to all directions
- C. is equal at different depths
- D. reduces with height.

29. Which one of the following is an effect of HIV and AIDS to the nation?

- A. Lack of care to young people.
- B. Sadness and shame.
- C. Congestion in hospitals.
- D. Low self esteem.

30. Which one of the following is **not** an example of a roller?

- A. A mango fruit.
- B. Maize stalks.
- C. Maize cobs.
- D. Round sticks.

31. Which one of the following is a characteristic of amphibians? They

- A. lay their eggs on land
- B. live partly in water
- C. have moist skin with scales
- D. adults breathe through gills.

32. Which one of the following is an animal feed rich in minerals?

- A. Desmodium.
- B. Creep pellets.
- C. Salt lick.
- D. Cotton seeds.

33. Which one of the following is a type of rotational grazing?

- A. Tethering .
- B. Zero grazing.
- C. Stall feeding.
- D. Herding.

34. Which one of the following is a use of water for recreation?

- A. Making fountains.
- B. Watering plants.
- C. Surfing.
- D. Mixing farm chemicals.

35. The **least** reason for incorporating water in human diet is that water

- A. helps in digestion
- B. helps in making blood
- C. cools the body when it is hot
- D. has essential nutrients.

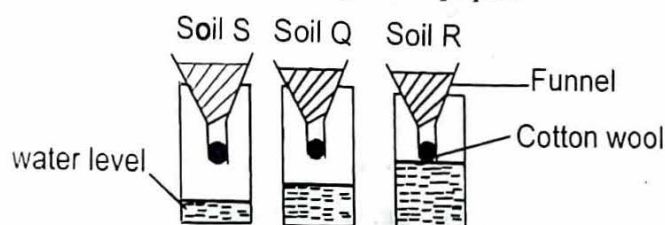
36. Which one of the following is a list of water-borne diseases?

- A. Cholera, typhoid, bilharzia.
- B. Measles, poliomyelitis, malaria.
- C. Malaria, cholera, typhoid.
- D. Measles, diphtheria, tuberculosis.

37. Porous dams are constructed on bare land **mainly** to

- A. prevent splash erosion
- B. prevent sheet erosion
- C. control weeds
- D. prevent gulley erosion.

38. The diagram below represents an experiment that was performed by std. 5 pupils.



The soil labelled R is **most** likely to

- A. have moderate capillarity
- B. make long ribbons
- C. have large air spaces
- D. have small soil particles.

39. Std. 4 pupils mixed garden soil with water in a bottle then shook it before letting it to settle.

What were the pupils investigating?

- A. Organic matter in soil.
- B. Mineral particles in soil.
- C. Water in soil.
- D. Texture of soil.

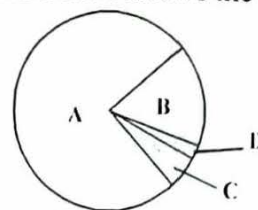
40. Which one of the following is a tool maintenance practice that is **not** done to all tools?

- A. Cleaning.
- B. Proper storage.
- C. Greasing.
- D. Repairing.

41. Which one of the following blood vessels carries deoxygenated blood from the body?

- A. Pulmonary artery.
- B. Vena cava.
- C. Pulmonary vein.
- D. Aorta.

42. The diagram below shows the composition of air.



Which letter represents air used in preservation of soft drinks?

- A. B
- B. C
- C. D
- D. A

43. Which one of the following comprises of a well balanced diet?

- A. Green bananas + Ripe bananas + Beans
- B. Chapati+ Green bananas + Kales
- C. Fatty meat+ Maandazi + Green grams
- D. Water + Chips + Soda

44. Which one of the following is a characteristic of an insect pollinated flower?

- A. Many pollen grains.
- B. Sticky pollen grains.
- C. Hanging anthers.
- D. Dull petals.

45. Which of the following components of blood helps in fighting disease causing germs in the body?

- A. Plasma
- B. Platelets
- C. Red blood cells
- D. White blood cells

46. In a maize seed, food is stored in the

- A. cotyledon
- B. plumule.
- C. testa
- D. endosperm.

47. The following materials can **best** be used to fit handles on cooking utensils **except**

- A. plastic
- B. rubber
- C. wood
- D. aluminium

48. The **best** way of controlling the spread of tuberculosis would be

- A. avoiding crowded places
- B. treating the affected
- C. immunization
- D. clearing bushes.

49. A child with skin rashes and fever will also have

- A. itching bowels
- B. difficulty in breathing
- C. bow like legs
- D. pot belly.

50. Which of the following animals moves by leaping?

- A. Snake
- B. Millipede
- C. Grasshopper
- D. Housefly