

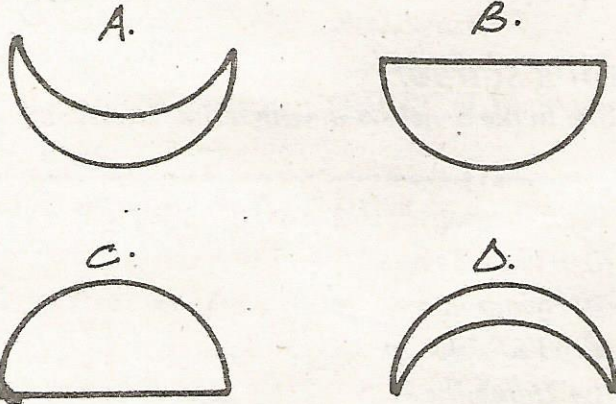




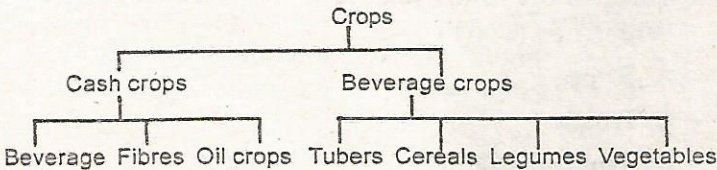
7. Which among the following weather instruments is **CORRECTLY** matched with the weather elements it measures?

- A. Windvane- speed of wind
- B. Windsock - strength of the wind
- C. Barometer - water vapour
- D. Thermometer - air pressure

8. Which of the following shapes of the moon illustrates the last quarter?



9. Study the chart below and answer the following questions



Which crop has been classified **WRONGLY**?

- A. Fibres
- B. Tubers
- C. Beverage crops
- D. Oil crops

10. After fertilization in a flower \_\_\_\_\_

- A. pollination stops
- B. the ovules become seeds
- C. the ovary becomes a seed
- D. pollen tube develops

11. Which of the following is the **ODD** one out?

- A. Puffball
- B. Moss
- C. Lichen
- D. Conifers

12. Nyutu uprooted the following plants.

**Black jack, beans, peas, cowpeas.**

Which of the following characteristics did he find common?

- A. They had a tap root
- B. They had a fibrous root
- C. They had parallel veins
- D. They were all non-flowering

13. Which one of the following methods of controlling livestock parasites can be used to control both internal and external livestock parasites?

- A. Deworming
- B. Rotational grazing
- C. Dipping
- D. Drenching

14. Which one of the following methods of grazing was commonly used in the past?

- A. Zero grazing
- B. Tethering
- C. Paddocking
- D. Herding

15. Which one of the following animals is **NOT** in the same group with the others?

- A. Spider
- B. Newt
- C. Millipede
- D. Snail

16. Which one of the following types of soil erosion carries soil over a large area without being noted?

- A. Gully erosion
- B. Splash erosion
- C. Sheet erosion
- D. Rill erosion

17. Jane saw an animal with the following characteristics:

(i) *Body covered with scales*

(ii) *They lay eggs*

(iii) *They breath through the lungs*

Which of the following shows examples of the animals she had seen?

- A. Crocodile, frog, turtle
- B. Frog, salamander, toad
- C. Lizard, turtle, gecko
- D. Gecko, newt, turtle

18. A centipede is a small animal. Its form of movement is \_\_\_\_\_

- A. leaping
- B. crawling
- C. walking
- D. flying

19. Three of the following are uses of water for recreation. Which one is **NOT**?

- A. Irrigation
- B. Skiing
- C. Surfing
- D. Swimming

20. A patient went to hospital with the following signs:

(i) *Diarrhoea and vomiting*

(ii) *Severe and abdominal pains*

(iii) *Sores in the small intestine*

The patient was **LIKELY** to be suffering from \_\_\_\_\_

- A. bilharzia
- B. cholera
- C. typhoid
- D. marasmus



21. The following are characteristics of soils.

- (i) largest particles
- (ii) small and fine particles
- (iii) neither too big nor too small
- (iv) low capillarity

Which ones are all for a soil good in modelling?

- A. (i) only
- B. (ii) only
- C. (iv) only
- D. (i) and (ii)

22. Which gas is good for fire extinguishing and manufacture of food in green plants?

- A. Oxygen
- B. Inert gases
- C. Carbon dioxide
- D. Nitrogen

23. Which of the following factors **DOES NOT** affect sinking and floating?

- A. Size
- B. Shape
- C. Type of material
- D. Amount of water

24. Which of the following shows the **CORRECT** order of change of state?

- A. Gas → solid → liquids
- B. Solid → gas → liquid
- C. Liquid → solid → gas
- D. Solid → liquid → gas

25. The **MAIN** reason why gaps are left between the rails is to \_\_\_\_\_

- A. allow room for expansion
- B. prevent them from bending
- C. reduce the speed of the train
- D. allow room for construction

26. Which of the following is a **CORRECT** characteristic of liquids?

- A. They have definite volume
- B. They have a definite shape
- C. They expand on cooling
- D. They all have the same colour

27. Winnie was boiling githeri. She noted that maize and beans were moving up and down because of \_\_\_\_\_

- A. convectional currents
- B. radiational heat
- C. conduction
- D. great heat from fire

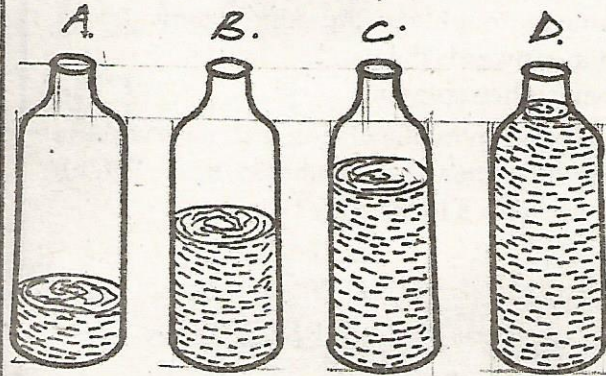
28. The gas that forms 78% of the air is used in \_\_\_\_\_

- A. burning
- B. breathing
- C. leguminous plants
- D. light bulbs

29. During a Science lesson, Std 4 pupils noted that after crushing a material that was floating, the material sunk in water. This happened because of \_\_\_\_\_

- A. type of the material
- B. size of the material
- C. weight of the material
- D. shape of the material

30. Which among the following bottles will produce the highest sound when blown?



31. Three of the following are importances of light. Which one is **NOT**?

- A. Used by plants during photosynthesis
- B. Enabling us to see
- C. Used for discouraging pests
- D. Used for warming our bodies in the sun

32. Which of the following sources of electricity is **NOT** useful to us?

- A. Electricity from dry cells
- B. Electricity from lightning
- C. Electricity from car battery
- D. Electricity from geothermal

33. Which of the following shows the correct processes during rainbow formation using a basin of water?

- A. Refraction → reflection → dispersion
- B. Reflection → refraction → dispersion
- C. Dispersion → refraction → reflection
- D. Dispersion reflection refraction

34. A solar panel \_\_\_\_\_

- A. converts light energy to electricity
- B. converts heat energy to electricity
- C. converts magnetic energy to electricity
- D. converts sound to electricity

35. Which of the following forms of matter share the same heat transfer method?

- A. Solids and liquids
- B. Liquids and gases
- C. Gases and solids
- D. Solids liquids and gases

36. Which of the following is a non-living component of the environment?

- A. Cattle
- B. Animals
- C. Plants
- D. Air



37. Which of the following is **TRUE** when using chemicals?

- A. Spraying against the wind
- B. Washing thoroughly before using chemicals
- C. Spraying towards the wind
- D. Chewing when spraying

38. Kimondo was having headache, paleness in nails and eyes; rapid heartbeat and dizziness. Which nutrient was deficit in his body?

- A. Iron
- B. Calcium
- C. Protein
- D. Vitamin A

39. Which of the foods are **CORRECTLY** specified?

- A. Eggs → protective
- B. Groundnuts → energy giving
- C. Oranges → body building
- D. Maize → body building

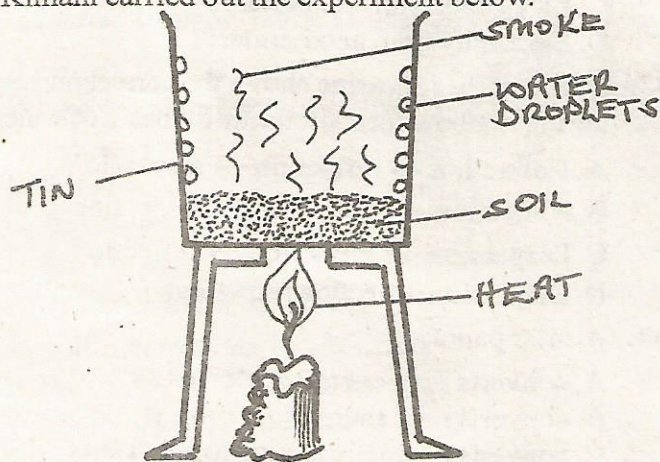
40. The type of food preservation that do not require air is known as \_\_\_\_\_

- A. canning
- B. smoking
- C. drying
- D. bottling

41. Which of the following shows water recycling?

- A. Closing running taps
- B. Processing sewage water to clean water
- C. Spreading dry materials on the soil
- D. Using water used in laundry to wash a car

42. Kimani carried out the experiment below.



Which component was least affected?

- A. Water
- B. Humus
- C. Mineral salts
- D. Living things

43. Kimotho was hit by a mango on the head from the mango tree. This was because of:-

- A. inertia
- B. mass
- C. force of gravity
- D. the mango was heavy

44. The instrument used to compare mass is called \_\_\_\_\_

- A. spring balance
- B. beam balance
- C. newton - metre
- D. standard weight

45. Three of the following are maintenance practices made to farm tools. Which one is **NOT**?

- A. Clean tools after use
- B. Sharpen cutting tools
- C. Oil metallic parts of the tools
- D. Store tools properly

46. Std 5 pupils had the following materials: Two tins of the same size, nails, strings and a piece of board. What were they likely to make?

- A. See-saw
- B. Weighing balance
- C. Beam balance
- D. Rain gauge

47. Std 4 pupils saw a weed growing along the ground. Its branches grew in different direction and its leaves were either green or purple. The weed is likely to be \_\_\_\_\_

- A. sodom apple
- B. pigweed
- C. Mexican marigold
- D. wandering jew

48. Std 7 pupils modelled a blood vessel that had thick walls and had no valves: The vessel was likely to be a \_\_\_\_\_

- A. artery
- B. capillary
- C. vein
- D. venacava

49. Which of the following parts is digestion of food started and completed respectively?

- A. Mouth and small intestine
- B. Small intestine and mouth
- C. Large intestine and mouth
- D. Mouth and large intestine

50. Which of the following foods are necessary for healthy strong teeth?

- A. Ugali, cakes, sweets
- B. Fish, chocolate, biscuits
- C. Sukumawiki, milk, sugar
- D. Milk, eggs, fish