



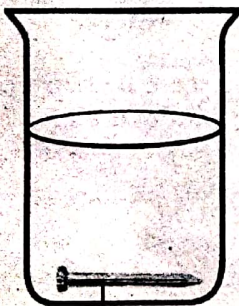
QUALITY IS OUR CONCERN

001

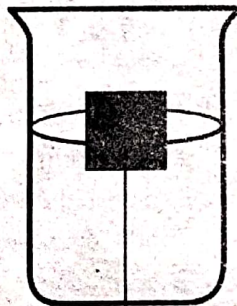
INTEGRATED SCIENCE

SCIENCE AND TECHNOLOGY

1. The following are examples of reptiles. Which is **not**?
 A. crocodile
 B. salamander
 C. snake
 D. chameleon
2. Zawadi saw his grandmother putting on a jacket during cold weather. From what he observed it can be concluded that animals;
 A. move.
 B. respond to changes in the environment.
 C. reproduce.
 D. feed.
3. Water can be made safe for drinking by;
 A. boiling and filtering.
 B. filtering and treating.
 C. treating and boiling.
 D. boiling and preserving.
4. Which factor that affects floating and sinking is demonstrated below?



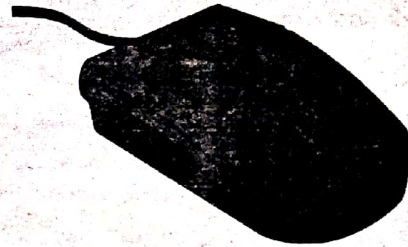
a nail



wood

- A. material
- B. shape
- C. density
- D. weight
5. The part of a computer that is used for processing data is known as;
 A. monitor
 B. CPU
 C. mouse
 D. keyboard

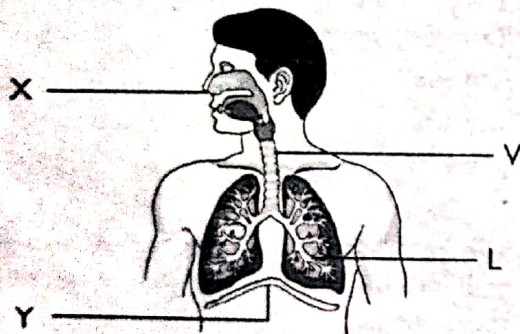
6. The item shown below can be used for selecting and scrolling on the desktop or laptop.



Nuru wanted to use his laptop but he did not have it. What would you advise him to use?

- A. cable
- B. mouse
- C. track pad
- D. buttons
7. Which one of the following is a green non flowering plant?
 A. neem
 B. grass
 C. beans
 D. moss
8. Kimani shouted near a big cliff. After a while, he heard his voice back. Why did he hear his voice back?
 A. Because sound travels in all direction.
 B. Because sound can be reflected.
 C. Because sound cannot go through a cliff.
 D. Because sound travels in a straight line.
9. Young amphibians breathe through;
 A. gills
 B. lungs
 C. skin
 D. nostrils
10. The following is useful fungi **except**;
 A. yeast
 B. mushroom
 C. ringworms
 D. moulds

11. We are able to see items in our environment because;
- light travels in a straight line.
 - light travels from our eyes to the items.
 - light travels from the items to our eyes.
 - light cannot travel through a curved pipe.
12. During a Science and Technology lesson, learners poured water in containers made of wood, plastic, metal and clay. After some time, they discovered that the water had different levels of heat. Which container do you think had water with the least amount of heat?
- clay
 - metal
 - plastic
 - wood
13. Which of the following flying animals belongs to a different group?
- a bat
 - an eagle
 - a hawk
 - a vulture
14. Identify the point at which gaseous exchange takes place on the diagram below.

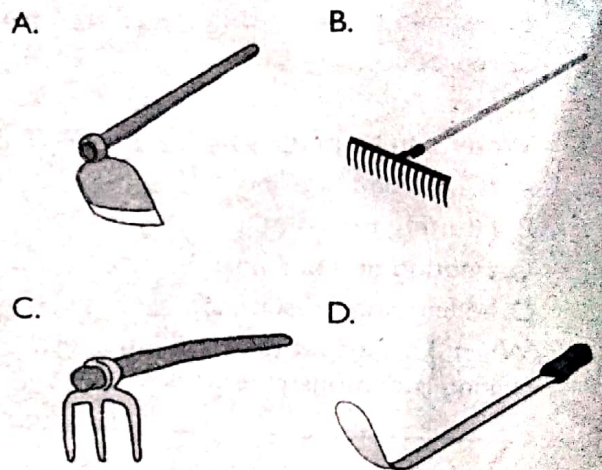


- L
 - Y
 - V
 - X
15. Which sense organ can sense touch?
- nose
 - mouth
 - ear
 - skin

AGRICULTURE

16. Compost manure adds _____ to our crops.
- moisture
 - colour
 - nutrients
 - weight

17. Applying dry leaves and grass at the base around seedlings is known as;
- mulching
 - watering
 - covering
 - conserving
18. _____ a is gardening practice that allows one to have few healthy plants on the garden.
- thinning
 - pruning
 - weeding
 - shading
19. Irrigation of crops should be done in the ____.
- morning
 - noon
 - evening
 - night
20. Which one the following farm tools is used to make the nursery bed level?



21. _____ is planting seeds by scattering them across the agricultural area.
- spreading
 - planting in rows
 - broadcasting
 - sprinkling
22. Which answer has the crops correctly matched with their group?
- | cereal | legume | vegetable |
|------------|------------|------------|
| A. maize | beans | spinach |
| B. wheat | groundnuts | mangoes |
| C. cowpeas | wheat | sukumawiki |
| D. rice | millet | cabbage |
23. An adult male sheep is known as;
- ewe
 - ram
 - bull
 - lamb

24. Tomato fruits that are ready for harvesting are usually _____ in colour.
- purple
 - green
 - orange
 - red
25. Planting sweet potatoes and cassava on the mould instead of ridges helps to control which type of small animals?
- mole
 - mongoose
 - squirrel
 - monkey
26. What improves air circulation on the compost pit?
- adding ash
 - turning it frequently
 - keeping it moist
 - adding compost manure
27. The following are ways of conserving water in farming activities. Which one is **not**?
- mulching
 - shading
 - cover cropping
 - weeding
28. Grade 5 learners were asked to name indigenous vegetables only. Who gave the correct answer?
- Jesse: millet, sorghum, African kales
 - Nuru: sweet potatoes, cocoyams, cassava
 - Prince: spiderplant, cowpeas, jute mallow
 - Zawadi: sukumawiki, spinach, cabbage
29. Why is it advisable not to kill small wild animals that we trap on our land?
- They can harm us
 - We can be arrested
 - They are important to the community
 - They are small and harmless
30. The carrying away of top loose soil is known as _____.
- soil recovery
 - soil conservation
 - soil erosion
 - soil improvement

PHYSICAL HEALTH EDUCATION

31. Which one of the following is not a way of taking care of community recreation facilities?
- Not littering the areas.
 - Planting trees around the area.
 - Teaching people on how to take care of the facilities.
 - Drawing graffiti on the walls of the facilities.
32. What is the very first step of managing an open wound?
- Securing the wound with a bandage.
 - Cleaning the wound.
 - Covering the wound with an adhesive strip dressing.
 - Ensuring that bleeding stops by applying pressure on the wound.
33. The following are causes of nose bleeding. Which one is **not**?
- High altitude
 - Injury to the nose or face
 - Low blood pressure
 - Bleeding disorders
34. The following are hurdling phases. Arrange them in the right sequence.
- landing
 - take off
 - approach
 - hurdle clearance
- iii, ii, iv, i
 - iii, ii, i, iv
 - ii, iii, iv, i
 - ii, iii, i, iv
35. Which of the following is **not** a rule to be followed during long jump?
- Takeoff foot must not cross the takeoff line
 - Use quick long strides on the runway
 - Land with the head leaning forward and the hands behind
 - Land on the pit with knees bent
36. In the game of softball, the defending team is referred to as;
- fielding team
 - batting team
 - defending team
 - attacking team

37. Which one of the following is an importance of sliding in softball?
- to be tagged
 - to avoid injury
 - to hinder an opponent
 - for a better batting
38. In the game of rounders, how can fielders put out batters?
- by stamping the post they are running to
 - by taping the batters
 - by standing next to the post they are running to
 - by stamping the post they are running from
39. Which of the following statements is true about volleyball?
- Each team has five members
 - The court is square in shape
 - The court measures 16m long and 8m wide
 - The court is divided into two halves by a centerline
40. Tag rugby game is characterized by:
- tackling
 - running
 - tagging
 - trapping

HOME SCIENCE

41. The following are disadvantages of using cookers **except**:
- They cook very first
 - They are expensive
 - Can only be used with electricity
 - It can be risky if not carefully used
42. The removal of dust by the use of a vacuum cleaner is called _____.
- suction
 - dusting
 - blowing
 - sweeping
43. What method of preserving milk do **most** people in the village use to preserve milk for use the following day?
- refrigeration
 - boiling
 - fermenting
 - putting in packets
44. Which one of the following is an advantage of a traditional house?
- it is very durable
 - it provides a lot of security
 - has several rooms
 - it is easy to construct
45. Which one of the following is **not** a fragile utensil?
- thermo flask
 - a ceramic cup
 - glass
 - a metallic plate
46. The following are factors to consider when choosing food from a general grocery. Identify the **main** factor from the given factors.
- expiry date of the food
 - the weight of the food
 - type of packaging material
 - the price of the item
47. The following advantages of using a shopping list. Which one is **not**?
- It saves time
 - It reduces waste
 - It helps us to buy what we need most
 - It enables us buy a lot of items
48. When Kamau was preparing food, he suddenly noticed that the fuel he was using was finished. Which type of fuel do you think Kamau as using?
- electricity
 - firewood
 - gas
 - charcoal
49. What is the **best** method of providing housing that Kazungu should use to provide a house for his family.
- he should use the employers house
 - he should build a house
 - he should rent a house
 - he should buy a house
50. Which one of the following communicable diseases can be spread by sharing personal items?
- malaria
 - coughs and colds
 - chickenpox
 - cholera