

PLE 2024 GUIDE

1. Pit latrine, ECOSAN latrine, Potty, Toilet.
2. A person can easily be struck by lightning.
3. - During breathing in the diaphragm contracts hence expanding the chest cavity to allow more air into the lungs.
- During breathing out the diaphragm relax reducing the chest cavity to allow the lungs expell carbon dioxide
4. Fast flowing water
Moving animals
Wind.
Moving vehicles
5. Snail
6. Molluscs
7. By keeping it in a fridge.
8. Bacteria decays rotten matter to form humus.
9. Due to chronic blood loss
10. By constructing their hutch using wire mesh.
11. Due to the contraction of erector pili muscle in respond to coldness
12. For keeping water
For storing chemicals like pesticide, herbicides
13. For tying the splints around the fractured part.
14. Helps in making biogas
Help in baking bread.
Used in brewing alcohol

15. Pulleys can facilitate faster lifting and movement of load.
Pulleys require very small space.
Pulleys the direction of force can change easily.
16. Kidney
17. It helps in passing urine from the kidney to the urinary bladder.
18. It destroys tuber crops.
It lowers the yield of tuber crops.
19. It leads to death
20. To enable a farmer to harvest the clean honey.
21. Dislocation
22. Due to its density
23. The larval stages take long to find their host hence resulting to death.
24. Helps in decomposing metals.
25. Personal hygiene
26. Conducting a health parade.
Sensitising pupils on proper sanitation
27. Air occupies space.
28. Plants leaves decay to form humus
Leguminous crops help to fix nitrogen within the soil.
Plant roots help to bind the soil particles together.
29. To kill and remove germs.
30. Both are used for detecting touch/feeling.
31. Vacuum does not contain any matter.
32. Row planting method.

33. It makes harvesting easy,
It makes weeding easy.
It promote proper utilisation of the space
34. Adolescent develops quick respond to the situation
Sharing things with other
35. Love for peers
35. Polio
36. Due to refraction of light as it move from one medium to another
37. Constructing borehole, well
Digging water chanal (passage)
Digging dams.
Avoiding settling in swamps
38. To avoid bad smell.
39. By using trained personel to instell the electricity in the house.
By proper insulation of electric wires.
40. Proper drying of seed.
Proper storage of seed.

SECTION B

41. Protein

- b/ Food spoilage
Low quality of food
Uncertainty about food origin.
- c/ Covering of food
Proper storage

42. or Vibrio cholerae

b, Heavily populated communities there is improper waste disposal that lead to high chance of spread of cholera.

c, Washing hands before eating.
Washing plates before serving food.
Cutting our fingernail short.

43. or Trowel

b, There is low rate of transpiration in the evening.

c, Mulching helps to conserve soil moisture

Mulching helps to reduce ^{the} speed of fast flowing water.

44. or Liver

ii Appendix

b, It is where the absorption of food takes place.

ii It is where the absorption of water takes place.

45

Step	Purpose
Sorting	Separating cloths according to washing needs
Soaking	Dissolving dirt
Rinsing	Removing dirty soapy water from the clothes
Ironing	Removing uneven folds.

46. or Electromagnet -

This is the temporary magnet got by passing electric current through a magnetic material.

- b. Cut a length of copper wire and wrap the wire around the iron nail tightly.
- Connect one end of the wire to the positive terminal
- Connect also one end of the wire to some pins and to the negative terminal of a dry cell
- Connect some pins and use it as switch for putting on/off.
- Hold it near metal object.

47. Cow dung

Urine

Human waste

Plant waste like peelings.

b. To prevent escape of air from the digester

c. It does not pollute the environment.

It reduce ~~of~~ on the demand for wood fuel. (firewood, charcoal).

48. Face mask

b. COVID 19

Influenza

c. Avoiding sharing of item k.

Washing it after using.

Disposing the disposable one.

49. Tube fiddle

Bow harps

Lyers

iv. Drum

Xylophone

b. Recording method.

Notation method.

50. Social insects

↳ Helps in pollination of flowers.

Sources of food

↳ Burning ~~bees~~ during harvesting of honey.

clearing bushes around

Bush burning

Draining stilled water

51. Cloudy weather

↳ Provide heat that helps in evaporation of water.

↳ Planting trees.

↳ Cause famine

Destroy vegetation.

52. Vaccine - ~~Are~~ Is a substance introduced in the body to boost the body immunity

↳ Through mouth (orally).

↳ To prevent contamination of vaccine

To maintain their potency and effectiveness.

↳ By taking young children for immunisation

By spread information on immunisation

By reminding parents on immunisation date.

53. Condensation

↳ Evaporation and Condensation

↳ Water pollution

Loss of soil fertility

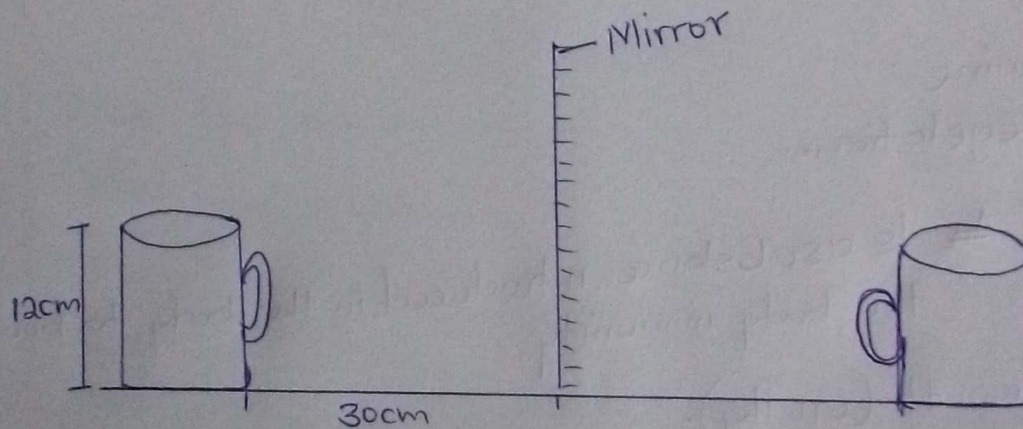
54a ↓ Triceps

↓ Biceps

↳ Helps in body movement
It enables people to do work.
It prevent foreign bodies

↳ Helps in proper body growth.
It prevent lameness.
For proper body shape.

55a



↳ Reflected ray

↳ Both θ and γ have the same angle.