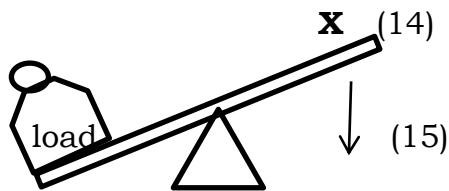


- 1- Plants, fungi
- 2- Animals, bacteria
- 3- Oviduct / fallopian tube
- 4- Transpiration helps in rain formation
Transpiration cools the environment.
- 5- Lungs
- 6- Parallel leaf venation
- 7- Maize, sugar cane, rice, oats, rye, banana, sorghum etc
- 8- Mercury
- 9- Spinal cord
- 10- Bathing regularly, washing clothes regularly before wearing them / wearing clean clothes.
- 11- Femur
- 12- Calcium , phosphorus
- 13- Nuclear , electricity

14-



15-

- 16- Through sweating
- 17- Both reproduce by means of spores
- 18- Planting seeds
- 19- It pumps blood with great pressure for long distance
- 20- To let out stale air which is less dense than fresh air.
- 21- By using them sparingly.
 - By using other alternative sources of energy.
- 22- Bats
- 23- Both are burnt to produce energy
- 24- Prolonged breast feeding
- 25- Manual / hand harvesting / uprooting
 - Using tools like a panga
 - Machine harvesting method
- 26- Some fungi cause diseases
 - Some fungi are poisonous

27- Nectar

28- It is long and slender

29- Plants are sources of food

- Plants provide oxygen to people
- Plants are sources of wood fuel
- Plants are sources of herbal medicine etc

30- Honey has low moisture content which makes it hard for bacteria to survive.

- Honey is acidic in nature.

31- A tadpole breathes through gills.

32- To fatten them.

- To make them humble / to make them easy to handle
- To control unwanted breeding
- To improve on the quality of meat
- To prevent unnecessary mating

33- Reptiles

34- Irregular objects

35- House flies in an area

- Bad smell in an area
- Litter / rubbish in an area
- Outbreak of diarrhoeal diseases

36- Due to lack of oxygen

37- By using a magnet

38- Lungs

39- Echoes

40- Broken seeds, rotten seeds, holes on seeds.

SECTION B

41- (a) (i) conductor / conducting wire

(ii) fuse

(b) If the filament burns / blows

- If the dry cells are exhausted.
- If not properly fixed.
- If the wire / conductor is not connected properly.

(c) Part y melts and breaks the circuit in case of high voltage.

42- Weeding

(b) Uprooting using hands

- Slashing
- Spraying using herbicides
- Digging using a hoe etc.

(c) It leads to low yields.

- It leads to competition for crop nutrients and sunlight
- It reduces on the value of produce
- It makes harvesting difficult.

43- Volume is the loudness or softness of sound.

(ii) Pitch is the highness or lowness of sound.

(iii) Frequency is the number of vibration produced per second.

(iv) Echo is repeated / reflected sound.

44- Vertebral column	spinal cord
Rib cage	heart
Pelvis	reproductive organs
Skull	brain

45- Drug prescription is the written information given by the health worker on how to use a certain drug.

(b) It prevents people from taking under or over dose.

It helps the patient to avoid drug misuse.

(c) narcotic drugs

46- Cobra, black mamba, puff udder, gabon viper

(b) venom lowers the temperature of blood / venom clots blood.

(c) tying slightly above the bitten part.

(d) They have fangs

- They have poison glands.

47-

Tropism	Stimulus
Geotropism	Force of gravity
Hydrotropism	Water and moisture
Thingmotropism	Touch
Phototropism	Light

48- They both have a back bone

- They are both warm blooded.

(b) birds reproduce by laying eggs while mammals produce their young ones alive.

(c) spiny ant eater

- Duck billed platypus

49- Carbon dioxide

(b) 0.03%

(c) The gas does not support burning

(d) It is used to preserve bottled drinks.

50- The ship displaces the amount of water equal to its weight

(Archimedes principle)

(b) Some objects are denser than water.

(c) $D = \frac{M}{V}$ $D = \frac{60}{20}$ $D = 30\text{g/cc}$

51- (a) G – dorsal fin

F – lateral line

(b) For tasting food / for smelling

(c) A fish lives in water for all its life time.

52- Deforestation, bush burning, over cultivation, swamp drainage industrialization etc

(b) Afforestation, re-afforestation, using other alternative sources of fuel.

- sensitizing people on protection of the environment.

- Using 5Rs reduce, reuse, return, recycle

- Controlling pollution

53- Soil erosion is the removal of top soil by its agent

(b) water / flowing water, wind, animals etc

(c) terracing, strip cropping, contour ploughing, planting trees.

54- Both make their own food.

(b) Moss yeast fern mushroom

(c) yeast reproduce by budding while others reproduce by means of spores.

(d) A fern reproduces by means of spores.

55- Windssock – to show direction and strength of wind.

Rain gauge – to measure the amount of rainfall received.

Barometer – to measure air pressure in the atmosphere.

(b) barometer is a delicate weather instrument.