

SECTION A

- 1- Fermentation
- 2- Finding out what has happened / chasing away crowd / checking the heart beat / checking the victim is still breathing
- 3- Measles
- 4- Removes excess water in clothes
- 5- Permanent teeth
- 6- A tendon is a structure that joins a bone to a muscle yet a ligament is a structure that joins a bone to a bone.
- 7- Displacement method
- 8- Rat guard
- 9- Protects the stored crops from rain that would cause rotting
- 10- The bird would not fly.
- 11- Used for attaching the tapeworm to the walls of the intestine.
- 12- They spread scabies
- 13- Safety pin
- 14- Used for stitching bandage / fastening bandage
- 15- Poor posture
- 16- Kills maggots that reduce the volume of faeces
- 17- Paint cuts of oxygen and moisture supply to the metal.
- 18- Percussion musical instrument.
- 19- Temperature / wind / altitude / humidity
- 20- Umbra is formed by total obstruction of light yet penumbra is formed by partial destruction of light.
- 21- Cleaning the hutches / proper feeding / using clean feeding and water troughs
- 22- Acidic condition
- 23- To stimulate production of enough breast milk,
- 24- To prevent bad body smell / to prevent some diseases.
- 25- Makes magnets lose the magnetism
- 26- Spraying using insecticides / cleaning bushes
- 27- Boiling water for drinking / washing hands before eating / putting food in clean containers / proper disposal of human wastes / covering food

- 28- By radiation
- 29- Taking iron tablets / blood transfusion / eating food rich in iron.
- 30- Makes ribs move down wards / moves inwards
- 31- Lack of warmth / lack of moisture / lack of food
- 32- A leaf floats on water
- 33- By preventing heat loss from the body.
- 34- Both produce male gametes
- 35- Stimulates milk let down
- 36- Too long eyeball / too thick eye lens
- 37- COVID 19
- 38- Weeding / crop rotation
- 39- By reproduction
- 40- Fleshy leaves store food yet foliage leaves make food for the onion.

SECTION B

- 41- (a) Malaria / COVID19/ typhoid / measles
- (b) $\left(\frac{9}{5} \times ^\circ\text{C}\right) + 32 = \left(\frac{9}{5} \times 40\right) + 32 = 9 \times 8 + 32 = 72 + 32 = \underline{104^\circ\text{F}}$
- (c) Apply tepid sponging
- 42- (a) Silting is the deposition of eroded matter into a water body.
- (b) Reduces the depth of water body.
- (c) Floods / drought / land slides / volcanic eruption / earthquake
- 43- Collect the mixture of salt and sand in a container
- (ii) Add water in the container and stir to dissolve salt.
- (iii) Filter to remove salt.
- (iv) carry out evaporation to dryness
- 44- Water cycle.
- (b) heats the kettle to cause evaporation of water inside.
- (c) clouds
- (d) To prevent the user's hand from getting burnt
- 45- Decomposition
- (b) Fungi

(c) Mulching / crop rotation / bush fallowing

46- Cassava

(b) Root tuber

(c) by using seeds

(d) carbohydrates

47- Bottle feeding

(b) When she has breast cancer / HIV positive

(c) To build the body / promote body growth

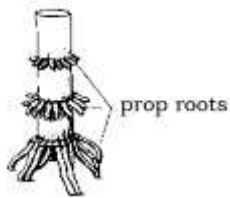
48- Cardiac muscles

(b) circulatory system

(c) by relaxing and contracting

(d) Physical exercise (feeding on a balanced diet

49-



(b) cereal crops

(c) provide extra support to plants during fruiting stage.

50- By swimming

(b) The body temperature changes according to the environment

(c) Amphibians / reptiles

51- A - pupil

(b) controls the amount of light entering the eye.

(c) gonorrhea

(d)

52- By biting

(b) spread nagana

(c) setting up tsetse fly traps / cleaning bushes

(d) Friesians provide a lot of milk than other dairy breeds of cattle

53- Used for cutting meat / sharpening panga and knife

(b) Putting treads on tyres / carries on handles of bicycle / spikes on the sports shoes.

(c) delays work / causes unnecessary noise / smell / heat / wear and tear

(d) Raising and lowering flags on flag poles / used in cranes to lift heavy loads / to fetch water from wells / used in lifts.

54- (a) Taking overdose/ taking expired drugs/ taking expired food/ taking jik/
taking paraffin/breathing contaminated air

(b) Vomiting/ sweating/ loss of body balance/rapid breathing/the victim smells poison

(c) Damages the throat

55- Rickets

(b) feeding on foods rich in vitamin D / feeding on foods rich in calcium and phosphorus

(c) Kwashiorkor / marasmus / night blindness / scurvy / beriberi