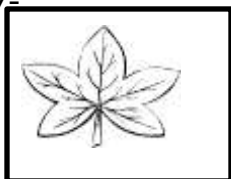


- 1- pears, nashi, quince
- 2- Book lungs
- 3- Goitre/ goiter, Anaemia, Rickets
- 4- By twinning, By clasping, By use of hooks and thorns, By use of tendrils
- 5- Ostrich, Emu, Kiwi, Penguin, cassowary
- 6- Tsetse flies spread nagana to animals
- 7- carbohydrates
- 8- Part x protects a fish against predators while part y is used for steering on swimming/ changing directions.
- 9- Mammals
- 10-They have mammary glands, They have fur on their bodies, They produce their young ones alive
- 11-Maximum and minimum thermometer/Six's thermometer
- 12- To overcome velocity friction
- 13- Wiggler
- 14-By vibration of its skin when beaten
- 15-To prevent over and under dose, To avoid drug misuse
- 16-shallots, canna lily, spider lily, leek
- 17-



- 18-Epigeal germination is a type of germination where the cotyledons come out of the ground while hypogeal germination is a type of germination where the cotyledon remains under the ground.
- 19-Sunbirds help in pollination of farmer's flowers
- 20-Gully erosion
- 21-A toadstool feeds on dead decayed matter
- 22-perching birds
- 23-chicks, rabbits, rats, frogs, toads, small snakes
- 24-plasma
- 25-By dipping animals in acaricides, By double fencing
- 26-The abdomen of a worker bee remains open after stinging their enemies
- 27-To stimulate milk let down
- 28-Tetanus jab
- 29-To cool the temperature of a burnt part
- 30-There is no medium for transmission in a vacuum
- 31-Suction pads
- 32-Nitrogen
- 33-There is enough sunshine in dry season to dry their harvests
- 34-Colon
- 35-stamen

- 36-Anther head
- 37-By use of blubber/ By use of their layer of fats
- 38-Conifers/coniferous plants, spore producing plants
- 39-Clay soil
- 40-starch/glucose

### **Section B**

- 41-(a) Fresh water snails
  - (b) They both live under water
  - (c) (i) slugs, squids
  - (ii) octopi/octopus
- 42- (a) Tape worm
  - (b) Digested food
  - (c) Through eating under cooked meat, through eating raw meat
  - Through eating raw and unwashed fruits and vegetables
  - (d) Through eating well cooked meat, through regular deworming
- 43-(a) (i) Switching off electricity when not in use
- (ii) Using resources sparingly, Using energy savers like bulbs and stoves
- (b) (i) Wood fuel leads to deforestation
- (ii) Wood fuel leads to air pollution
- 44-(a) (i) poverty ,drug abuse
- (ii) pornography ,orphanage
- (b) (i)By abstaining from sex, By joining productive clubs
- (ii) By refusing gifts from strangers, By avoiding being in lonely places
- By avoiding bad peer groups
- 45-(a) (i) Oxygen
- (ii) Hydrogen
- (b) This is a type of water with high mineral content.
- (c) Through boiling, Adding slaked lime, Adding washing soda, Using ion exchange process
- 46- Tuberculosis\_\_\_\_\_ chronic cough
- Measles \_\_\_\_\_ skin rash
- Diphtheria \_\_\_\_\_ swollen neck
- poliomyelitis \_\_\_\_\_ paralyzed limbs
- 47-(a) Blood at N is oxygenated while blood at M is deoxygenated
- (b) Muscle L prevents oxygenated blood from mixing with deoxygenated blood
- (c ) (i) Doing regular body exercises

(ii) Feeding on food rich in a balanced diet, Going for regular medical checkups,

Avoiding eating too fatty and oily food stuffs

48-(a) Tar, nicotine

(b) To warm their bodies, Due to peer pressure, To concentrate on their work, To feel mature

(c) lungs

(d) Keeping busy during free time, Avoid joining bad peer groups

49- (a) This is a condition in which the body does not have enough water and mineral salts

(b)(i) severe sweating, severe vomiting

(ii) severe burns and scalds, severe diarrhoea

(c) To replace the lost energy

(d) dry limbs, little or no urine, sunken eyes, sunken fontanel, A pull on the skin goes back slowly.

50-(a) (i) Goats multiply quickly than cattle

(ii) Goats feed on almost all types of vegetation than cattle, Goats have low water demand than cattle

(b) Alpine, toggenburg, Anglo nubian

(c) Mohair

51-Lungs \_\_\_\_\_ Respiratory/excretory

Heart/ blood vessels \_\_\_\_\_ circulatory

Enzymes \_\_\_\_\_ Digestive

Kidney, skin, lungs \_\_\_\_\_ Excretory

52-(a) Tortoise, Terrapins

(b) Both reproduce by laying eggs Both have a back bone, Both are vertebrates

(c) Bat

(d) Dolphins, whales

53-(a) (i) mosquitoes, Tsetse flies, bedbugs, house flies

(ii) cockroach

(b) (i) Some insects bit people, Some insects spread diseases

(ii) Some insects sting people, some insects destroy people's crops

54-(a) sorting

(b) Decantation

(c) Using a magnet

(d) Winnowing

55-(a) (i) For turning manure

(ii) For digging in hard /stony areas

(b) (i) By oiling , By keeping in dry place after use

(ii) By greasing, By painting