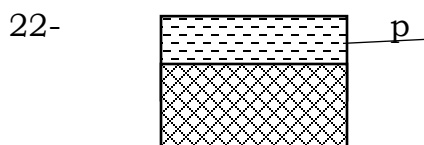
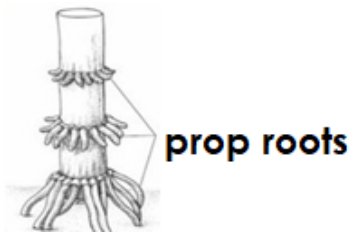


P.6 SCIENCE MARKING GUIDE BOT II 2025

- 1- Pistil
- 2- Sunken eyes, dry lips, little or no tears , little or no urine, sunken soft spot on the head.
- 3- Proper ventilation prevents suffocation. / proper ventilation prevents the spread of air borne diseases.
- 4- The affected part swells. / the broken bone remains inside the skin.
- 5- Plants make their own food unlike animals. / plants do not move while animals move from one place to another.
- 6- Carbon dioxide does not support the life of germs.
- 7- Bacteria help in decomposition of dead plants and animals. / bacteria reduces the amount of garbage as they rot / bacteria help to reduce the volume of faeces in pit latrines and sewage tanks.
- 8- Helps in decomposition of organic matter to form humus / aerates the soil by creating tunnels in the soil. / they improve on soil fertility.
- 9- Hairy body
- 10- Shows that the eggshell is porous
- 11- Calcium
- 12- Smoking
- 13- Fish feed on the larva of mosquitoes.
- 14- Through cuts and wounds / through insect and animal bite / through contaminated water / through air / through contact with an infected person.
- 15- For trapping its prey
- 16- Have long teeth called fangs
- 17- Physical change
- 18- For walking on walls without falling.
- 19- It enables us to iron our clothes / helps us to cook using saucepans / enables us to roast meat using an iron rod.
- 20- Both reproduce by laying eggs.
- 21- They are flat and sharp for cutting food / they are chisel shaped for cutting or biting food.



- 23- Petrol is less dense than water.
- 24- It reduces disability and death to children./ it makes the body resistant to diseases. / helps to protect the children against the immunisable diseases./it boosts immunity of the body.
- 25- Some insects live in the soil i.e termites.
- 26- Drone bee
- 27- Arteries have narrow lumen unlike veins. / arteries have no valves while veins have valves
- 28- Brain / liver / stomach walls.



- 29-
- 30- The ileum is coiled to increase the surface area for the absorption of digested food. / it has a large number of blood capillaries. / it has a narrow lumen for slow movement of food.
- 31- Lateral line
- 32- Poliomyelitis / polio
- 33- Solid state
- 34- An accident is an un expected injury to the body.
- 35- Carbon dioxide
- 36- To leave room for increase in volume when frozen
- 37- Colostrum
- 38- To breathe in oxygen.
- 39- Angora goats
- 40- $^{\circ}\text{F} = (\text{C} \times 9/5) + 32$
 $^{\circ}\text{F} = (5 \times 9/5) + 32$
 $^{\circ}\text{F} = (1 \times 9) + 32$
 $^{\circ}\text{F} = 9 + 32$
 $^{\circ}\text{F} = 41^{\circ}$

Section B

- 41- Immunity is the body's ability to resist some diseases
(ii)vaccines are medicines which are introduced to the body to make it produce antibodies against certain diseases.

(b)BCG vaccine / polio vaccine

(c)It protects against five major diseases.

42- By vibration of objects.

(b)Percussion musical instrument / wind musical instruments

(c)For interpretation

43- Humus (particles of rotten plants)

(b)Soil contains humus

(c)Changes in temperature / animal movement /earth quakes / land slides / water / rain / plant roots

44- They eat insects vectors like mosquitoes and houseflies which spread disease causing germs.

(b)Reptiles

(c)For trapping its prey

(d) To trap its pray.

45- Farm records are written information concerning all activities that take place on a farm.

(b)They help to know the history of the farm. / Help farmers to get loans from banks / helps farmers to know the expenditure on the farm / helps farmers to be taxed fairly.

46- Ileum

(b)For tasting

(c)To emulsify fats

(d)Constipation

47- X – lumen

(b)Artery

(c)Arteries carry blood away from the heart. / they have narrow lumen / have thick walls / have no valves

48- Layers

(b) Free range system / deep litter system / pen / fold system

(c)Over crowding of birds in a house/ insufficient feeding / poor feeding / boredom among birds / lack of a balanced diet.

49- Water / carbon dioxide

(b) chlorophyll traps heat energy

(c)plants get carbon dioxide

50- On iron metal

(b)iron is not a good / poor conductor of heat

(c)A candle provides heat / source of heat.

51- AIDs victims their healthy can easily be harmed if they are not fed on a balanced diet.

(b)elderly / babies / sick people / pregnant mothers

(c)Preparing for them food. / feeding them on a balanced diet / bathing them / preparing their beds

52- To increase the amount of blood in the body/ to prevent deficiency diseases / to be healthy

(b) scurvy / beriberi / kwashiorkor

(c) They do not spread from an infected person to a health one.

53- By using fire extinguisher / by using dust and sand / by rolling yourself on the ground./ by wrapping yourself in a thick blanket

(b) To be easily seen in case of fire outbreak / to show that they are dangerous so they should not be played with anyhow.

54- Succulent fruit

(b)seed dispersal is the scattering of seeds away from a parent plant to other areas.

(c)By animals.

(d)IT enables plants to colonise new areas / it prevents over crowding of plants / it reduces competition for food nutrients, sunlight and space among plants.

55- Heat – pumps blood

Liver – removes poisonous substances from the body

Stomach – stores food for some time.

Lungs – exchange gases