

THE REAL PRIVATE TEACHER GUIDES NEXT TO PLE – 5 INTEGRATED SCIENCE - 2022

1. Smelling
2. Larva
3. It makes them dull/ lose their colour/ weakens/ tears tools/ makes them blunt
4. Mineral salts
5. Vein
6. They stop the back flow of blood.
7. Swim bladder
8. They help to ferment milk.
9. adhesion
10. used in castration
11. prickly hairs
12. to prevent flies./ bad smell/ keep it clean/ outbreak of diarrhoeal diseases.
13. Epididymis
14. Sandy soil is well drained/ has big soli particles.
15. It is cooled
16. Stamen/ Androecium
17. Use letter **K** to label anther heads
18. Gonorrhoea
19. Cats eat rats that spoil crops
20. salt
21. It kills germs/ makes if safe.
22. It controls pests/ enables the farmer harvest early.
23. Pupa stage
24. A humming bird flies backwards/ upside down/ with wings making a humming sound like other birds.
25. She/he may commit suicide/ Isolate him or herself/ be stressed/ be stigmatized
26. Taking children for immunization/ keeping immunization records/ organizing immunization venus/ Providing a balanced diet.
27. To prevent drug poisoning/ wastage/ death/ misuse
28. It provides support/ enables the casualty walk.
29. It is a solute
30. To prevent egg eating/ breaking of eggs/ egg losses.
31. Hygrometer
32. By rapid flapping of its wings
33. Leguminous plants/ legumes
34. It reduces
35. To give the child full protection/ stronger immunity against Hepatitis B.
36. Gills of a tadpole are for breathing while those of a mushroom are for reproduction.
37. It can lead to fire outbreak/ buns/ destruction of property.
38. Sound can be reflected.
39. Helps bats to dodge obstacles/ get food/ locate places.
40. Crush/ milking shed/ parlour
41. a). (i)chemical change (ii). Mechanical digestion
b)To prevent walls from being digested by enzymes. (c). indigestion/ constipation/ vomiting/ bloating/ heart burn.
42. (a)Physical change (b) humidity/ temperature/ heat/ wind/ surface area.
(c). helps to recover lost salt from water/ dry clothes/ harvested crops/ in water cycle.
- 43.a). (i)beef cattle (ii). Dairy cattle
(b). It is triangular shaped/ has big udder/ produces a lot of milk.
c). It prevents inbreeding/ the spread of STDs/ injuries to small cows/ does not waste semen
- 44.a). It controls population growth/ reduces government expenditure on provision of social services. (b). prolonged breast feeding
c).birth pills/ injection/ Calendar/ Condom use/ vasectomy/ tubal ligation.
- 45.a). a dormant bud from a plant is fixed into the shoot system of another plant.
b). involves union of scion to the stock of another plant.
c). a branch of mother plant is bent to touch the soil.
d). a ring is cut through the bark of a branch to allow roots develop.
- 46.a). Air exerts pressure.
b).Due to equal pressure in and out.(c). To prevent water from coming out/ air from entering a glass.
(d). Drinking soda using a straw/ flushing toilet/ blowing a balloon.
- 47.a).(i) Amphibians/ Amphibia (ii) Reptiles/ Reptilian
b). Some reptiles provide meat/ eat insect vectors.
- 48.a). Anthrax/ mastiitis/ nagana/ heart water/ red water.
(b). By cleaning their houses regularly/ isolating sick animals/ early treatment of diseases/ culling/ giving water/ food clean.
- 49.a). Air sac/ alveolar
b). carbon dioxide
c). It is surrounded by many blood capillaries./ thin/ has large surface area.
d). Blood **y** is oxygenated while that in **x** is not oxygenated.
- 50.a). fast flowing water/ moving animals (b). By contour ploughing/ terracing/ strip cropping/ planting trees.
- 51.a).tuberculosis (b). It can lead to still birth/ premature/ under weight birth.
c). It leads to respiratory diseases/ brain damage/ bad breath/ stains on teeth.
- 52.a). yellow fever/ malaria/ elephantiasis/ river blindness/ bilharziasis
(b). Through spreading the vector with insecticides/ cutting thick bushes/ draining stagnant water/ sleeping under treated mosquito nets.
- 53.a). (i) helps in bathing/ remove sweat/ dirt/ kills germs on the skin/ prevents skin disaeses.
(ii). Helps in bathing/ removing dirt/ sweat/ to prevent bad smell.
b). They hide/ harbor disease germs/ can lead to the outbreak diarrhoeal diseases.
- 54.a). To prevent the house from dampness.
(b). Faeces can easily contaminate water at the source.
c).(i). To let in fresh air (ii). To let out stale air.
- 55.a). This is the gradual introduction of semi solid food to breast feeding babies in addition to breast milk.
b). 6 months
c). egg York/ porridge/ smashed Irish potatoes/ rice/ pumpkin/ beans.

