

THE REAL PRIVATE TEACHER GUIDES NEXT TO PLE – 8 INTEGRATED SCIENCE - 2022

1. Wiggler
2. Both are warm blooded/ have endo skeleton/ undergo sexual reproduction.
3. Diphtheria Pertussis Tetanus
4. Moulting/ hatching of eggs/ growth/ fertilization/ reproduction/ growth of beards.
5. It prevents corona virus from entering one's body.
6. Castrated bulls are sterile/ do not have sperms.
7. Bathing with soap/ ironing clothes
8. Sunny/ hot weather
9. To allow room for expansion on hot days.
10. During an eclipse/ strong sunshine/ welding/ when sharpening tools.
11. It cuts off oxygen supply to the larva.
12. It acts as a habitat/ breeding ground for spiders/ helps a spider to trap prey/ move.
13. Blowing the eye/ washing the eye with water/ removing a foreign body using soft bud
14. Brain/ kidney/ liver/ pancreas/ stomach
15. Both have legs/ have no wings/ two main divisions/ simple eyes.
16. Ice is less dense than water/ water is denser than ice.
17. When a bar magnet is broken into two pieces each piece becomes a magnet.
18. It transports digested food/ hormones/ antibodies to the foetus.
19. To cool down the body temperature.
20. Bile pigments
21. It breaks the circuit in case of high voltage.
22. It can lead to contamination of meat.
23. It cools down plants
24. Beef
25. Potential energy
26. It helps to overcome viscosity
27. Dislocation/ fracture/ sprain/ strain
28. To prevent infection/ diarrhoeal diseases/ bad smell/ odour
29. eye
30. charcoal
31. weathering
32. it leads to respiratory diseases/ bad breath/ teeth stains.
33. It suffocates weeds/ smothers weeds
34. By constructing bore holes/ installing piped water/ constructing valley dams/ providing water tanks to people.
35. bulbs
36. **A** makes food for the plant while **B** stores food.
37. Single fixed pulley
38. Honey from bees is rich in carbohydrates/ pollen from bees provide proteins.
39. A whale has mammary glands yet a fish doesn't have.
40. Hook worm
41. a). ptyalin (b) rennin (c) lipase (d). sucrase
42. a). (i) prostate gland (ii) sperm ducts (b). (i) It stores urine for a short time (ii) It stores manufactured sperms
43. a). colour/ texture/ intensity of dirt/ material (b). (i) soaking (ii) rinsing
44. a). To prevent flies/ ease washing/ food remains sticking on them. (b). To ease drying (c). To prevent re-contamination/ dust or soil on utensils/ moving animals from breaking them.
45. a). venacava/ pulmonary vein (b). white blood cell (c). cytoplasm
46. a). Direct current (b). Electric energy (c) It can be recharged once used up. (d) Helps a car to start/ hoot/ wipers to start.
47. a). It is a state of sexual maturity in boys. b). To prevent school dropouts/ shame/ rejection by parents/ abortion and death (c). peer pressure/ drug abuse/ poverty/ rape/ defilement.
48. a). All have back bone/ endo skeleton/ undergo sexual reproduction (b). Animals in list **S** give birth to young ones while the rest lay eggs. (c). It is a reptile/ crawls (d). Both are warm blooded
49. (a) (i) second class levers (ii) third class levers b). Used to join pieces of wood/ metals/ fasten pieces of wood. (c). Put letter "L" on the bottle lid or cover.
50. a). It reminds the parents the next date of immunization/ health workers the next vaccine to give a child/ Helps community leaders to easily identify vaccinated or unvaccinated children. (b). To help the health worker to know the next vaccine or dose to give to the child. (c). Date of birth/ Age/ Sex/ Birth order/ Weight/ Name of a child.
51. a). Moslems are not allowed to eat pork/ meat from a dead animal/ Moslems are not allowed to drink alcohol. (b). They deny women and children certain food values/ lead to deficiency diseases. (c). They reduce food competition/ prevent people from eating certain plants and animals.
52. a). television/ radio/ phone/ electric heater/ kettle (b) To prevent electric shock/ short circuit (c). poor insulation of electric wires/ poor wiring/ damage of wires by rodents (c) in roots/ root tuber (d). by stem cuttings
53. a). Keeping drugs in a cool dry place/ away from sunlight/ moisture. (b). They prevent diseases/ cure diseases/ reduces pain/ signs and symptoms/ are effective/ safe/ affordable.
54. a). Solar eclipse/ Eclipse of the sun (b). (i) umbra (ii) Penumbra (c). He would see total darkness/ not able to see clearly.
55. (i) Put sand and salt in a container. (ii) Add water to the mixture. (iii) filter the mixture (iv) Heat (evaporate) the solution to dryness.