

THE REAL PRIVATE TEACHER GUIDES NEXT TO PLE – 6 INTEGRATED SCIENCE - 2022

1. Carbon monoxide
2. To get vitamin C
3. Smoking the hive
4. It converts sound vibration into impulses
5. Tethering
6. It is cheap
7. To make it affordable to the poor people/ enable everyone get vaccinated.
8. It has long thin legs with partly webbed feet.
9. Enables a seed to respire.
10. Mammals have mammary glands/ fur unlike others.
11. Tetanus Toxoide vaccine
12. Humidity/ wind/ temperature/ size of the leaf.
13. To prevent swarming/ sunlight into the hive
14. It can lead to destruction.
15. Jersey/ brown swiss/ Gurnsey/ Ayrshire/ Friesian
16. To prevent them from getting spoilt/ maintain their strength/ effectiveness/ curative value.
17. saliva
18. It protects the inner parts of the tooth.
19. It is sharp pointed to tear flesh.
20. Stealing/ alcoholism/ smoking/ lying/ arson
21. To let out warm/ stale air which is less dense than cool air.
22. To suck nectar
23. agro forestry
24. To inject venom into the victim
25. capillarity
26. filtration of blood
27. Cohesion is the force of attraction between molecules of the same kind while adhesion is the force of attraction between molecules of different kind.
28. It is thin walled/ has large surface area/ surrounded by many blood capillaries.
29. To be oxygenated.
30. Helps the body get energy/ to grow/ repair worn out tissues/ replaces worn out cells.
31. To allow gaseous exchange.
32. Volume increases/ density reduces/ mass remains constant.
33. It has gills to take in dissolved oxygen/ stream lined body to reduce viscosity/ lateral line to detect danger.
34. Due to small vibrating air space left.
35. It releases water vapour when heated.
36. The load is in between load and effort.
37. Label the turning point in the centre
38. It leads to loss of body fluids/ water.
39. It produces antibodies/ engulfs and digests germs.
40. Liverworts/ horse tail/ hornwort/ quillwort/ algae
41. a). fuse (b). electric to heat to light energy
c)It completes or breaks the circuit.
(d). Both break the circuit.
42. (a)alloy (b) bronze/ brass/ solder/ dentist amalgam(c). To prevent rusting/ increase metal electric resistance.
- 43.a). (i) endo skeleton (ii) hydrostatic skeleton (iii) exo skeleton
(b). To increase in size/ proper growth
- 44.a). This is a person who gives First Aid.
(b). To save life (c).Should be kind/ quick/ knowledgeable
- 45.a). (i) pinna (ii) Ear drum
b). It directs sound waves to the ear drum
c). Balances the body.
- 46.a). percussion instruments. (b). Letter O
c).It is the shortest . (d). by recording/ writing/ solfa notation
47.a).It provides hides and skins
b). It kills/ controls external parasites/ tick/ fleas
(c).(i) This is the mating of a local breed with an exotic breed. (ii). This is the mating of closely related animals.
48.a). Normal line (b). 40°
(c). Put letter **x** along the reflected ray.
(d). Helps us to see/ in photography.
49.(a) toad stool
b). Used in fermentation of alcohol/ wine making.
c). Yeast uses budding while others use spores
d). By saprophytically/ feeding on decayed matter.
50.a). This is the process by which plants make their own food. (b). carbon dioxide/ water (c). oxygen
51.a).They help in breathing/ gaseous exchange
(b). air sacs/ alveoli (c). carbon dioxide
(d). They have air sacs that allow gaseous exchange/ They are well ventilated.
52.a). This is an essential health care where individuals, families and communities come together to solve their health problems.
(b). Total health for all/ all members must participate/ be affordable/ effective
(c)yellow fever/ Hepatitis B/ COVID 19/ meningitis/ rabies/ Pneumonia
53.a). This is the removal of testes on male animals.
(b). To allow the animal fatten/ grow fast/ prevent inbreeding
c). it is painful/ may lead to excessive bleeding/ denies animals natural mating right.
54.a). (i) residues (ii) filtrate
(b). One would get water borne diseases.
c).It is not safe/ has germs
55. (i)bat (ii) hare/ rat/ mouse/ beaver/ porcupine/ guinea pig (iii) dolphin/ sea whale/ otter/ walrus/ porpoises (iv) cattle/ goats/ sheep/ zebra/ giraffe/ antelope/ camel.



TEACHERS' VOICE