

YEAR 2009 ANSWERS

SECTION A

1. (a) -Helps plants to grow
-Reduces on dust
(b) -Causes soil erosion
- Too much rain damages our property
2. No, because it reflects its light from the sun
3. (a) Because metals can't easily break
(b) -Because metals are good conductors of heat
-Metals can't break easily
4. (a) Heating/ Boiling
(b) Ice
5. (a) This is the amount of substance that a body contains
(b) Grams/ cm^3
(c) Because it is the number of times an object displaced an equal volume of water
6. A stone sinks in water because its density is more than that of water while dry wood floats because its density is less than that of water
7. To avoid heat from burning the user.
8. (a) Teacher's Guide
(b) No, because water is a good conductor of electricity
9. (a) False b) False c) True
10. Scissors -Razor blade
11. (i). Unlike poles of a magnet attract while like poles repel
(ii). A magnet has got two poles: North and South Pole
12. For breathing
- To support burning
13. (a) Teacher's guide
(b) Because of refraction
(Passing from one

- transparent medium to another)
14. No, because black clothes absorb heat faster
 15. It is sharp and pointed to tear flesh
 16. By changing its colour
 17. Human beings
 18. To allow expansion and contraction
 19. Chemical Change
 20. $6 \times 1.5 = 9$ volts
 21. Cholera, Dysentery, Bilharzia, Polio
 22. (a) To show wind direction
(b) Wind Sock
 23. Brushing the teeth after every meal
 24. Chlorophyll
 25. To remove germs
 26. To kill germs
 27. Webbed feet
 28. To avoid development of inferiority complex

SECTION B

29. (a) true (b) False (c) True (d) True
30. (a). Man Pigs
(b) Lion, Dogs, Cats, hyenas etc
(c) Cow, Cat, Dog, Hen, Goat etc
31. (a) Alimentary canal
(b) Heart
(c) Skin, Kidney, Lungs
32. Sugar cane, Cassava
33. (a) Lack of Vitamin B₁
(b) Lack of iodine
(c) Eating sea weeds, iodised salts
34. (a). Flowers- For producing fruits
Leaves -For breathing

- Fruits- Contain seeds for multiplication
- (b) A-Stigma
B-Anther heads
C-Ovary D- Flower stalk
(c) A-Receive pollen grains
B- Produce pollens
C-develop into fruits
(d) Specialised gametes used in reproduction
(e) The ovules develop into seeds and ovary into a fruit
35. (a) Fins (b) Feathers, Hollow bones, Streamlined body, wings
 36. (a) That is a deficiency caused due to lack of proteins
(b) Swollen Belly, the child is malnourished.
 37. (a) Feed on plant leaves
(b) They are herbivorous
Their bodies are covered with fur
 38. (a) This is the protection of our forests
(b) -Help in rain formation
-Homes to wild animals
-We get timber, herbs, firewood
 39. (a) This is the spoiling or contaminating of our environments
(b) Causes diseases eg Polio, dysentery
-Dangerous to the body causing skin diseases
 40. (a) A-Evaporation
B-Transpiration
(b) Condensation
(c) The sun provides heat that evaporates the water
 41. (a) Teacher's guide
(b) Lens P- Concave Lens
Lens Q- Convex Lens