

YEAR 2003 ANSWERS

SECTION A

1. Teacher's guidance
2. (a). Cassava
(b). Sugar canes
3. (a). X-Pancreas,
Y-Small intestines
(b). To make bile
4. (a). A-Aorta, B-Left auricle
(b). White blood cells
5. (a). Clinical thermometer
(b). Mercury/coloured alcohol
(c). To measure body temperature
6. A plant can grow while a stone cannot
A plant can reproduce while a stone cannot
A plant can breathe while a stone cannot.
7. (a). A-Legs, B-Thorax, C-Abdomen
(b). Trachoma, Dysentery, Cholera, Diarrhea
(c). Maintaining proper sanitation, cover toilets/latrines
8. (a). To transmit electrons
(b). No, the bulb will not light
9. Because light travels faster than sound.
10. (a). The jar that weighs 60kg.
(b). To reduce the load arm of the 60kg jar and increase the effort arm of the 50kg jar.
11. (a). Watering can, trowel, forked hoe (b). Frisian
12. Boiling, roasting and deep frying
13. Abstain from sex, be faithful to your partner
14. Destroys property, destroys crops
15. (Teacher's guidance)
16. True
17. True

18. False
19. False
20. True
21. True
22. False

SECTION B

23. (a). Oviduct/fallopian tube
(b). 9 months
- 24.

Mass	Volume (cm ³)	Density (g/cm ³)
3.6	2	1.8
33.8	6	22.3

25. (a). Dehydration is the loss of water and mineral salts from the body.
(b). Excessive vomiting and excessive diarrhoea (c). Sickness e.g Malaria, drinking dirty water
26. (a). Mouth (b). Lipase
(c). Absorption of vitamins
(d). Constipation, stomach ache, vomiting
27. (a). Helps the grain to get attached to the scar
(b). Develops into the shoot system
(c). To store food for the seed/embryo.
28. Helps to relax the body, helps in the development of muscles.
29. Bone to bone-ligament, Bone to muscle-Tendon.
30. (a). Because wood/plastic is a bad conductor of heat
(b). By means of conduction
31. (a). Leguminous crops are crops with root nodules.
(b). Beans, ground nuts, peas
32. Carbon dioxide, sunlight, water, chlorophyll
33. (a). Sexually Transmitted Diseases

- (b). AIDS, Syphilis, Gonorrhoea
(c). Abstain from sex
34. (a). Flower
(b). Roots absorb water and mineral salts from the soil
Roots help the plant to stand firmly on the ground
35. Lungs-Cows, birds
Skin-Earth worms, leech
Lungs and skin-Frogs
Gills-Fish, tadpole
36. Pollination is the transfer of pollen grains from the anthers to the stigma of a flower.
Cross pollination is the transfer of pollen grains from the anthers of one flower to the stigma of another flower of the same kind.
Self-pollination is the transfer of pollen grains from the anthers to the stigma of the same flower.
37. Vertebrates are animals with a backbone/vertebra while invertebrates are animals without a backbone.
38. Helps in body movement, Protects delicate parts of the body, Gives the body shape.