

## SECTION A

1. Cirrus cloud
2. By spreading beddings in sunshine// spraying// washing and ironing beddings
3. Splash// rain drop erosion
4. Malaria
5. A bean seed cotyledon stores food for the growing embryo while a maize seed cotyledon absorbs and supplies food to the growing embryo.
6. Hooves//mouth//tongue
7. liquid
8. freezing
9. A principle of a complete circuit
10. moisture// oxygen
11. charcoal
12. Transfusion of unscreened blood// sharing sharp dirty objects
13. Convection
14. They are used in smoking the hive
15. Annual crops are harvested seasonally while perennial crops yearly
16. There is less gravity on the moon than on earth
17. string instruments
18. By lightening or loosening the strings
19. planting trees//sensitizing people to plant trees
20. Both are kept mainly for milk production.
21. It can lead to blindness of unborn baby//pus discharge
22. By vasoconstriction// shivering// production of goose pimples//raising the hair on the skin
23. Money is spent on buying alcohol//parents spend time drinking than working
24. It prevents hookworm infestation
25. To remove dirt//sweat//bad smell
26. south pole
27. unlike poles of a magnet attract each other
28. concave lens
29. They provide carbon dioxide
30. They are controlled by the brain// attached to bones
31. New Hampshire// Rhode Island Red//Ply mouth Rock
32. It has webbed feet//flat breast bone//spoon shaped beak
33. Through bites//sucking blood
34. stamen//and/or Ecium
35. Both produce male gametes
36. Bronchitis
37. Appendicitis
38. To avoid the victim from inhaling germs//unfiltered air
39. The pollute the soil// kill soil living organisms// change soil PH
40. Flootation method
41. (a) Bio gas
- (b) For cooking//lighting// ironing
- (c) It removes wastes in the environment
42. (a) The skeleton protects circulatory organs
- (b) (i) hinge joint
- (ii) gliding joint
- (c) The join bones// allow the body move
43. (a) (i) Animal dispersal
- (ii) wind dispersal
- (b) Hooks attach the seed to the animal's body
- (c) P has hooks while Q has wing like structure
44. (a) It leads to germ resistance against the drug// worsens the disease
- (ii) It leads to drug poisoning// death
- (b) By taking prescribed drugs// keeping drugs away from children// by labelling drugs.
45. (a) Oxygen supports burning
- (b) There was no more oxygen supply
- (c) To occupy the space for used up oxygen
- (d) It would continue burning
46. (a) By oiling or greasing// using ball bearings
- (b) They replace sliding friction with rolling friction
- (c) (i) viscosity friction
- (ii) sliding friction
47. (a) (i) veins
- (ii) arteries
- (b) It is thin walled// has narrow lumen// has valves
48. (i) Hep B
- (ii) Tuberculosis
- (iii) Oral polio vaccine (OPV)
- (iii) Injection on the right upper leg
49. (a) salivary amylase (Ptyalin)
- (b) To break down food
- (c) (i) Pepsin//rennin
- (ii) salivary amylase//trypsin
50. (a) colostrum
- (b) It opens the digestive system of a calf//boosts its immunity// provides a balanced diet
- (c) It is cheap// It requires little technical skills// easy to detect mastitis
51. (a) fuse
- (b) It has a thin wire that can easily melt
- (c) (i) chemical energy to electric energy
- (ii) Electric energy to heat to light energy
52. (a) Anaemia
- (b) Green vegetables// liver//kidney //eggs//beet root
- (c) Pale skin//palms//tongue
53. (a) Both have a backbone// endo skeleton//are cold blooded// undergo sexual reproduction
- (b) Reptiles have internal fertilization while amphibians have external fertilization// reptiles have scaly skin while amphibians have warty skin
54. (a) (i) dysentery//polio//AIDS
- (ii) Beri beri// lung cancer// Asthma
- (b) Through air//food//water// animal bites//direct body contact
55. (a) First Aid// family planning
- (b) (i) by bathing//ironing
- (ii) By eating a balanced diet// covering food