

I. Choose the correct answer:

1. b. Plain pins
2. d. North - South
3. a. Glass
4. d. North
5. c. salty
6. b. ground water
7. d. Distillation
8. c. ice
9. c. i and iv

II. Fill in the blanks:

10. evaporation
11. Dam
12. hydrological cycle
13. Sunlight
14. rain
15. magnetic
16. 2
17. magnetic substances
18. lode stone

9x1=9

III. Write True or False:

19. False
20. False
21. False
22. True
23. True
24. False
25. True
26. False
27. False

9x1=9

IV. Match the following:

28. opposite poles
29. like poles
30. Magnetic needle
31. maximum magnetic strength
32. Non magnetic material
33. Increased rainfall
34. Water Vapour
35. Pole
36. tube wells
37. Lakes

10x1=10

V. Answer any six in short:

6x3=18

38. * These trains are capable of running upto 600km/hr.

* They do not make any noise.

* They require less energy and are eco – friendly.

39. Odd one: Rubber tube

Reason: Rubber tube is a non magnetic material where as others are magnetic material.

40. Magnetic

* Substance which are attracted by magnets are called magnetic substance.

* Iron, Cobalt, Nickel etc are magnetic materials

Non magnetic substance

* Substances which are not attracted by magnet are called non magnetic substances.

* Paper, plastic, Rubber etc are non magnetic materials.

41. Because all these devices are made up of magnetic material and has magnets in it, when we bring magnets near them it will spoil the devices.

42. Based on salinity water is classified into three categories.

* Fresh water - 0.05 to 1% salt

* Brackish water - 3% of salt

* Sea water - more than 3% of salt.

43. Aquatic animals living in Arctic and Antarctic circle do not die because the floating layer of acts as a protective coat and doesn't allow heat to escape from water.

44. * Population explosion

* Pollution of water

* Uneven distribution of rainfall.

* Careless use of water

45. Odd one : Sea water

Reason : Sea water is saline water where as others are fresh water.

VI. Answer any two in detail:

2x5=10

Refer CW

VII. Diagram:

2x4=8