

Science Revision sheet

Chapter -9:Soil .

Q. Answer the following questions:

- i. What is soil erosion ? List the agents of soil erosion .
- ii. Why are earthworms called a farmer's friend ?
- iii. How can a farmer convert acidic soil to neutral soil ?
- iv. Soil is a home to several animals . Give examples to support this statement .

Chapter-10:Respiration In Organisms.

Q .Answer the following questions:

- i. Define: (i) aerobic respiration (ii) anaerobic respiration.
- ii. Explain the respiration in: (a) Earthworm (b)Cockroach.
- iii. Explain respiration in plants .
- iv. Explain the role of diaphragm in the process of breathing also draw the diagram .

Chapter -11:Transportation In Plants and Animals .

Q. Answer the following questions:

- i. Why is transport of materials necessary in a plant or in an animal ?Explain.
- ii. Discuss the importance of transpiration in plants.
- iii. List the functions of blood .
- iv. Draw the well labelled diagrams of excretory system.

Chapter 12:Reproduction In Plants.

Q. Answer the following questions:

- i. Write the differences in self and cross-pollination.
- ii. Define reproduction .Why is it important ?
- iii. Describe the different methods of asexual reproduction .Give examples
- iv. Name the four whorls of a flower .Write the function of each .

Chapter -14:Electric currents and Its Effects .

Q. Answer the following questions:

- i. Why is a good fuse wire made up of tin ?
- ii. How do short circuit occur ?
- iii. State the factors on which the strength of an electromagnet depends.
- iv. What is an electric fuse made up of ? How does it function to prevent a circuit from burning?

Chapter -15:Light.

Q .Answer the following questions:

- i. What is rectilinear propagation of light ? How will you prove it ?
- ii. Write the uses of concave and convex lenses.
- iii. What is Lateral inversion ?
- iv. Distinguish between the Real Image and Virtual Image

Chapter -16:Water-A Precious Resource.

Q .Answer the following questions:

- i. Define : (a) Aquifer (b) Water table.
- ii. Explain the factors responsible for the depletion of water table .
- iii. Draw water cycle.
- iv. What is drip irrigation ?

Chapter -17: Forests- Our Lifeline.

Q .Answer the following questions:

- i. How do forests help to maintain the water table ?
- ii. Give any four factors which are responsible for the destruction of forests .
- iii. Why are trees planted alongside the roads?
- iv. Explain why there is no waste in a forest.

Chapter -18:Waste water story.

Q. Define these terms:(a) Sewage (b) Contaminants (c) Waste water treatment plants

Q. Answer the following questions:

- i. What happens when the sewage is passed through bar screens?
- ii. Why is clarified water passed through aeration tanks ?
- iii. How is biogas formed?
- iv. Why is it necessary to treat the sewage before it is discharged into the rivers ?
- v. List various contaminants present in sewage.
- vi. How can we reduce water pollution at public places?