

1. Consider the following materials:
Copper, tungsten, chromium, aluminium, nichrome & iron

Which of these is used to make: -

- a. heating element of an electric iron.
 - b. filament of an electric bulb.
2. What type of mirror is used as rear view mirror in cars and why?
 3. Draw neat and clean diagram of electric bell?
 4. Draw the diagram of two types of lenses and write two points about the images formed by them.
 5. Learn all the text book exercises of the chapter Electricity and Light.

SUB-CHEMISTRY

1. ANSWER THE FOLLOWING QUESTION;-

i) The hair of an animal are cut from its body in one piece along with a layer of its skin in the form of B. The process is called C. The B of this animal is then cleaned by using soap and a lot of water by a process D. The clean B is then converted into yarn by the process of sorting, dyeing, combing and spinning.

- a) What could be i) A and ii) B?
- b) Name the process i) C and ii) D.
- c) What is the yarn E?
- d) State one use of E.

ii) Some of the alternative sewage disposal systems for human waste are given below:-

Chemical toilets, Composting toilets, Vacuum toilets, Septic tank toilet, Vermicomposting toilets.

- a) Which of these toilets provide high quality manure?
- b) Which of these toilets are used in aeroplanes?
- c) Which of these toilets are used at outdoor gatherings like marriages?
- d) Which of these toilets are used where water supply is limited or not available at all ?
- e) Which of these is likely to contaminate water of a hand-pump installed instantly ?

2. Activity:--

- i) Draw a neat and labelled diagram of life cycle of silk moth.
- ii) Draw a neat and labelled diagram of waste water treatment plant.

3. Learn question answer given in exercises.

Class –VII

Subject- Biology

1. Prepare a dictionary of minimum 10 words including the scientific terms and difficult words from chapters “Nutrition in living Organisms – Plants” and “Nutrition in living Organisms – Animals”. The dictionary has to be prepared in the class-work notebook.
2. Take 3 small earthen pots .Label them as A,B,C. Put clay in A, loamy soil in B and sand in C. Put equal number of gram seeds in each of the soil. Water them each day for 1 week. Note down your observation. Conclude which soil is best for plant growth.
3. Collect 3 different flowers and write the number of sepals and petals of a flower.
4. Collect 5 different forest products and write their different uses.
5. Activity - Visit a Biodiversity park. → Observe a parasitic plant, a saprophytic plant, an insectivorous plant and a green plant. Note down their characteristics and differences in a tabular form. → Prepare a collage on different heterotrophic modes of nutrition.

