

1. Students to answer question bank on Nutrition in their class work.
2. Students to read lesson “ Management of Natural Resources “ and answer NCERT book questions ( both blue questions and book back questions ) of the same chapter in their class work . Students to write questions as well as answers in their class work

### LIFE PROCESSES (NUTRITION)

1. What are the processes required for maintaining life? What are they collectively called?
2. Why do different organisms use different kinds of nutritional processes?
3. Which chemical reactions are required to produce energy rich compounds ? How?
4. Why is diffusion insufficient to meet the food and oxygen requirements of multicellular organisms like humans?
5. Sum up photosynthesis through an equation.
6. Enlist the events that occur during photosynthesis.
7. Write the aim, observation and inference for a) activity 6.1 b) activity 6.2
8. How is photosynthesis performed in desert plants?
9. a) What are guard cells ? b) Draw and label open and closed stomatal pore  
c) Explain the function of guard cells.
10. Depict a flow chart on heterotrophic nutrition with examples for each type.
11. Draw and label cross section of a leaf.
12. Explain nutrition in a) amoeba b) paramecium
13. Tabulate as follows: name of the enzyme, site of production, type of food (nutrient), end product. (Digestion in human beings)
14. Draw and label human alimentary canal.
15. What are dental caries? How is it caused?