



Sainik School Amethi



SUMMER HOLIDAY HOMEWORK

(2024-25)

CLASS: X

SUBJECT: SCIENCE

1. Note and remember valence of elements and formal charges of various ions relevant to chapter 1.
2. (a) Draw ray diagrams showing the image formation by a convex lens and concave lens.
(b) Write any two uses of each of convex lens and concave lens i.e. uses in our daily life
3. Draw and learn the following Diagram
 - (i) Fig 7.1 (a) Structure of neuro
(b) Neuromuscular junction
 - (ii) Fig. 7.2 Reflex arc
 - (iii) Fig. 7.3 Human brain
 - (iv) Fig. 7.5 Response of the plant to the direction of light
 - (v) Fig. 7.6 Plant showing geotropism
 - (vi) Fig. 7.7 Endocrine glands in human beings
(a) Male (b) Female
 - (vii) Fig. 8.3 Reproduction in planaria
 - (viii) Fig. 8.4 Budding in hydra
 - (ix) Fig. 8.8 Combination of pollen on stigma
 - (x) Fig 8.9 Germination
 - (xi) Fig. 8.10 Human – male reproductive system
 - (xii) Fig. 8.11 Human – female reproductive system
4. Practice and note all the numerical of the chapter 10 and 13.
5. Remember and note the atomic number and atomic mass of all the elements.
6. Solve all the previous year question of CBSE for subject Science

<https://www.cbse.gov.in/cbsenew/question-paper.html>

7. Note and remember the names of all the compounds in Chapter 1,2,3 and 4.

8. Make chart of glands and their functions in chapter 6 and 7.

Note:

a) Use A4 size paper for vacation work.

b) Do your vacation work by yourself.

c) Writings and drawing of diagrams should be very good,