

GIRLS' HIGH SCHOOL & COLLEGE, PRAYAGRAJ

SESSION - 2020-21

CLASS - 9 A, B, C, D, & E

SUBJECT – CHEMISTRY

ASSIGNMENT-3

INSTRUCTIONS- The parents to ensure that their ward watches the video instructions for this assignment by clicking on the given links-

Link 1- <https://youtu.be/niHgS3yPzyl>

Link 2- <https://youtu.be/HdQB4DvcEmM>

She should revise the lesson given in the book and then work on the assignment. The completed assignment is to be downloaded and filed /pasted in the subject file /copy and kept ready for submission. The day, date and procedure of submission shall be notified later.

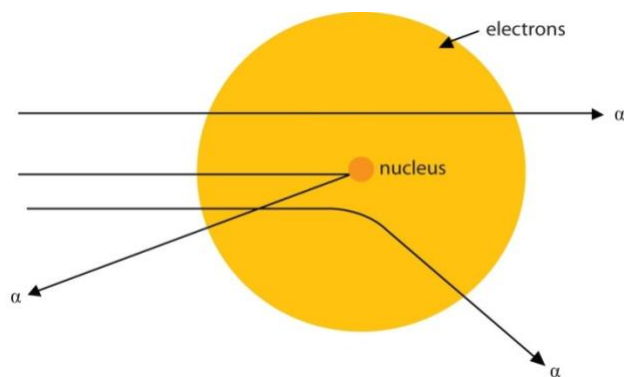
Book-Concise Chemistry Part I (Class 9) By Dr. S. P. Singh (Selina Publishers Pvt. Ltd.)

Chapter 4 – Atomic Structure And Chemical Bonding

Topic – Atomic Structure

Answer the following questions:

1. Draw orbital diagram representing the atomic structure of the following :
 - a) Sodium atom
 - b) Sodium ion
2. Define the terms:
 - a) Mass number
 - b) Isotopes
3. Study the figure given to answer the following questions:
 - a) Name the scientist who gave this model of an atom.
 - b) Name the famous experiment conducted by him.



Questions from the book-

Note-Please refer to your book and write answers of the following questions in your Chemistry register / notebook along with the above mentioned questions:

Exercise 4 (A) (Page 59) - Q 6 and 19

Exercise 4 (B) (Page 63) - Q 9 and 10

Exercise 4 (C) - Q 11(Page 66) and 18(Page 67)

The End