Udaan 2025
Chemistry
Essential Chemistry Basics for Class 10th

DHA - 01

Q 1 Select the correct electronic configuration of Mg atom:

(A) 3,8,1   (B) 1,8,3

(C) 2,8,2   (D) 2,2,8

Q 2 How many electrons can be accommodated in the third shell of an atom?

(A) 18   (B) 8

(C) 16   (D) 28

Q 3 If a element have atomic number 7 then what will be the no of protons?

(A) 7   (B) 8

(C) 9   (D) 6

Q 4 If the configuration of Na is 2, 8, 1 then the valency of Na will be-

(A) 1   (B) 6

(C) 0   (D) 4

Q 5 What will be the valency of sulphur:

(A) 2   (B) 3

(C) 1   (D) 4

Answer Key

Q1	**C**	**Q4**	**A**
Q2	**A**	**Q5**	**A**
Q3	**A**		

Hints & Solutions

Q 1 Video Solution:

Q 2 Text Solution:

The maximum number of electrons present in a shell is given by : $2n^2$

Video Solution:

Q 3 Text Solution:

The number of protons in the nucleus of the atom is equal to the atomic number. Think about the correct answer.

Video Solution:

Q 4 Video Solution:

Q 5 Text Solution:

Valency is the capacity of combining with other elements. Think about it.

Video Solution: