

Wk	M	T	W	T	F	S	S
40				1	2	3	4
41	5	6	7	8	9	10	11
42	12	13	14	15	16	17	18
43	19	20	21	22	23	24	25
44	26	27	28	29	30	31	

APPOINTMENT / MEETING

Class VII

Subject - Chemistry

Chapter - 4 Atomic Structure Part - 3

Date - 23.6.20

① What is Atomic no.?

The no. of protons present in the nucleus of the atom of an element is called its atomic no. It is denoted by  $Z$ .

$$\text{Atomic no.} = Z = \text{No. of protons} = \text{No. of electrons}$$

Exeg. An atom of oxygen contains 8 protons, therefore its atomic no. is 8, no. of electrons also 8.

② What is mass no.?

The sum of the no. of protons and the no. of neutrons present in the nucleus of the atom of an element is called mass no.

$$\text{Mass no. (A)} = \text{No. of protons} + \text{No. of neutrons}$$

NOTES

NOTES

$$\text{No. of neutrons} = A - Z$$

November 2020						
WK	M	T	W	T	F	S
44	30					1
45	2	3	4	5	6	7
46	9	10	11	12	13	14
47	16	17	18	19	20	21
48	23	24	25	26	27	28

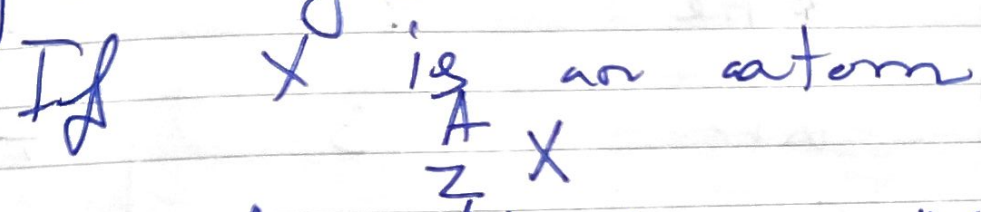
OCTOBER 2020  
 DAY 280-086 WEEK 41  
 TUESDAY

06

APPOINTMENT / MEETING

8 Far eq. Sodium atom, atomic no. 11, mass no. 23  
 9 No. of neutrons = 23 - 11 = 12

10 How can you represent an atom symbolically?



12  $A =$  Atomic mass no.  
 $Z =$  Atomic no.

1  $^{16}_8O$  here Atomic no. = 8  
 2 Mass no. = 16

3  
4  
5

# 07

2020 OCTOBER

DAY 281 - 085 WEEK 41

WEDNESDAY

10	October 2020						
Wk	M	T	W	T	F	S	S
40				1	2	3	4
41	5	6	7	8	9	10	11
42	12	13	14	15	16	17	18
43	19	20	21	22	23	24	25
44	26	27	28	29	30	31	

APPOINTMENT / MEETING

Atomic no. and mass no. of some elements

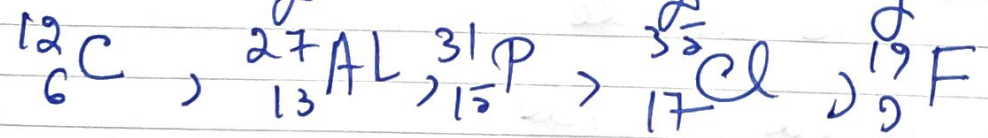
9	Element	Symbol	Atomic no.	Mass no.
10	Hydrogen	H	1	1
11	Helium	He	2	4
12	Lithium	Li	3	7
1	Beryllium	Be	4	9
2	Boron	B	5	11
3	Carbon	C	6	12
4	Nitrogen	N	7	14
5	Oxygen	O	8	16
6	Fluorine	F	9	19
	Neon	Ne	10	20
NOTES	Sodium	Na	11	23
	Magnesium	Mg	12	24

APPOINTMENT / MEETING

Element	Symbol	Atomic no.	Mass no.
Aluminium	Al	13	27
Silicon	Si	14	28
Phosphorus	P	15	31
Sulphur	S	16	32
Chlorine	Cl	17	35
Argon	Ar	18	40
Potassium	K	19	39
Calcium	Ca	20	40

Home work

Determine no. of protons, electrons and neutrons for the following



NOTES

P.S.L  
 20.6.20