

18

2020 NOVEMBER

DAY 323 - 043 WEEK 47

WEDNESDAY

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

December						
Wk	M	T	W	T	F	S
49		1	2	3	4	
50	7	8	9	10	11	
51	14	15	16	17	18	
52	21	22	23	24	25	
53	28	29	30	31		

APPOINTMENT / MEETING

Class - VIII  
Date - 9/7/20 Subject - Chemistry  
Chapter 4 Atomic Structure Part - 7

- 1) Why do atoms combine to form molecules?
- 2) How are ions formed?
- 3) What are cations and anions? Give eg.
- 4) What is valency?
- 5) Give eg. of valency.

Determination of valency from atomic no. 1 to 20.

Element	A - No	Electronic Configuration	Valency
H	1	1	1
He	2	2	0
Li	3	2, 1	1
Be	4	2, 2	2
B	5	2, 3	3

APPOINTMENT / MEETING

Element

- 8
- 9 C
- 10 N
- 11 O
- 12 F
- 1 Ne
- 2 He
- 3 Mg
- 4 Al
- 5 Si
- 6 P
- S
- Cl
- Ar
- K
- Ca

NOTES

APPOINTMENT / MEETING

Element	A-14	Electronic Configuration	Valency
8			
9 C	6	2, 4	4
10 N	7	2, 5	$(8-5)=3$
11 O	8	2, 6	$(8-6)=2$
12 F	9	2, 7	$(8-7)=1$
1 Ne	10	2, 8	0
2 Na	11	2, 8, 1	1
3 Mg	12	2, 8, 2	2
4 Al	13	2, 8, 3	3
5 Si	14	2, 8, 4	4
6 P	15	2, 8, 5	$(8-5)=3$
S	16	2, 8, 6	$(8-6)=2$
NOTES Cl	17	2, 8, 7	$(8-7)=1$
Ar	18	2, 8, 8	0
K	19	2, 8, 8, 1	1
Ca	20	2, 8, 8, 2	2

20

2020 NOVEMBER

DAY 325 - 041 WEEK 47

FRIDAY

November 2020						
Wk	M	T	W	T	F	S
44/49	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

December						
Wk	M	T	W	T	F	S
49		1	2	3	4	
50	7	8	9	10	11	
51	14	15	16	17	18	
52	21	22	23	24	25	
53	28	29	30	31		

APPOINTMENT / MEETING

The atom is made up of an element is made up of 4 protons? 2 neutrons and 4 electrons? What is its atomic configuration? and electronic

11 = ( )

12 = ( )

1 = ( )

2 = ( )

3 = ( )

4 = ( )

5 = ( )

6 = ( )

NOTES

APPOINTMENT / MEETING

8

9

10

11

12

1

2

3

4

5

6

NOTES