



CHEMISTRY

NCERT - NCERT Chemistry(Malayalam)

CHEMICAL BONDING

Let Us Assess

1. Complete the table given below and answer the following questions (Symbols are not real).

Element	Atomic number	Electronic configuration
P	9	2, 7
Q	17
R	10
S	12

Which element in the table is the most stable one?

Justify your answer.



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2. Write the chemical formula of the compound formed by combining element S with P.



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3. Electronegativity values of some elements are given. Using these values, find whether the following compounds are ionic or covalent.

(Electronegativity

of

$Ca = 1, O = 3.5, C = 2.5, S = 2.58, H = 2.2, F = 3.98$

)

Sulphur dioxide (SO_2).



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4. Some elements and their valencies are given

Write the chemical formula of barium chloride

Element	Valency
Ba	2
Cl	1
Zn	2
O	2



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5. Some elements and their valencies are given

Write the chemical formula of zinc oxide

Element	Valency
Ba	2
Cl	1
Zn	2
O	2



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6. Some elements and their valencies are given

The chemical formula of calcium oxide is CaO . What is

the valency of calcium?

Element	Valency
Ba	2
Cl	1
Zn	2
O	2



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