

Chemical Bonding QUESTIONS

1) Formation of cation occurs by-

- >gain of electron
- >loss of electron
- >gain of protons
- >loss of proton

Answer:

- >loss of electron
-

2) Formation anions occurs by-

- >Loss of neutrons
- >gain of protons
- >gain of electrons
- >none

Answer:

- >gain of electrons
-

3) A bond formed by the transfer of electrons between atoms of the elements is called-

- >ionic bond
- >covalent bond
- >co-ordinate bond
- >Hydrogen bond

Answer:

- >ionic bond
-

4) A bond formed by sharing of electrons between atoms of the elements is called-

- >ionic bond
- >covalent bond
- >coordinate bond
- >none

Answer:

>covalent bond

5) Molten NaCl is good conductor of electricity is due to-

- >Free electron
- >Free ions
- >Free molecules
- >all

Answer:

>Free ions

6) The structure of ethylene is-

- >linear
- >tetrahedral
- >octahedral
- >triangular

Answer:

>triangular

7) Hydrogen bonding is maximum in-

- >Ethanol
- >Diethyl ether
- >Ethyl chlorid
- >Triethyl amine

Answer:

>Ethanol

8) Number of water molecules in Mohr's salt?

- >4
- >6
- >7
- >8

Answer:

>6

9) A substance that gains electron(s) is

- >an oxidizing agent
- >A reducing agent
- >Dehydrating agent
- >Catalysing agent

Answer:

10) [A substance that gains electron\(s\) is](#)

- >An oxidizing agent
- >A reducing agent

Answer:

- >An oxidizing agent
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