মানুষেরা কি এটা মনে করে নিয়েছে যে, তাদের এটুকু বলার কারণেই ছেড়ে দেয়া হবে যে, আমরা ঈমান এনেছি এবং তাদের কোনো রকম পরীক্ষা করা হবে না।

আমি তো সে সব লোকদেরও পরীক্ষা করেছি, যারা এদের আগে ছিলো, আল্লাহ তায়ালা অবশ্যই তাদের ভালো করে জেনে নেবেন যারা সত্যবাদী, মিথ্যাদাবীদারদেরও তিনি নিঃসন্দেহে জেনে নেবেন।

Do people think that they will be left alone because they say: "We believe," and will not be tested?

And I indeed tested those who were before them.

—আনকাবৃত ঃ ২-৩

And I indeed tested those who were before them. And Allah will certainly make (it) known (the truth of) those who are true, and will certainly make (it) known (the falsehood of) those who are liars.

Chemical bond: A chemical bond is defined as a force that acts between two or more atoms to hold them to-getter as a stable molecule. The bond or attractive forze between two atoms or is called chemical bond. There are many kinds of chemical bond such as-11) Covalent bond of _ ast most bossefernest ii) coordinate cornant bond ord and IN) Hydrogen bond um to the said and enous v) matalic bond vi) Polar coordinate bond town so file on the complete Valance: valance is the number of bonds formed by an atom in a molecule. One, Valancy: valancy is the capacity of an element to combin another ele. Electronic Theory of valance: In chemical bond formation atoms interact by losing, gaining of sharing of electrons so as to acquire a stable noble gos configuration. Such as - 15^2 2° 16^2 1Ar 152 252 296 352 3p6 while atoms of noble gases possess a stable owter shall of eight electrons or octat, atoms of most other dements have incomplete octets. They may have less than 8 electrons or in excess. Thus, the electronic theory of valence could will be named as Octet theory of Valance. Octet theory of Valance. Lattice Empagy, Lattice Fauggy 15 , had The tendency for atoms to have eight electrons in The outer shall is known as Octat Rule on the Rule of Eight.

The ionic or electrovalent bond is formed when one or more electrons have been transferred from one atom to complete the orbitals of another atom. Elements which have a tendency to Loose one or more electrons are earled electropositive while Those having a tendency to goin electrons are called electromagative

Kossel pointed out the facts that when atoms of electropositive and electronegative elements combine together, one or more electrons are transferred from the former to latter and the atoms are converted into cations and anions. As a result of mutual electrostatic attraction between the ions so formed, an ionic of electrovalent bond is established

Example: Na ici: -> Na [xci:] OR Natci-

La portagi essent to the out of the training of the

*The por properties of ionic compound

Electropositive element + Electromegative eleptiont

Ionisation Energy: & conisation energy is the amount of energy required to remove the most lossly bound electron & flop on iosolated gases.

Electron Affirity: The amount of energy relaxed to add an electron in an isolated gaseous atom and form a negative ion or anion, is called electron affects or affinity.

amount of energy released when one mole of an ionic compound is formed from its cotions and anions.

1-1-1-1-1

| C. O. Have C. A. | | | 1 days |
|--------------------|--------------|-------|--------|
| Conditions for the | formation of | ionic | bond |

D Atom C gives up an electron by absorbing energy and is converted into contions

c+ absorberd [IP] -> c++e

II) a picks up electron relessing energy and converted into anion. $a + \tilde{e} \longrightarrow a + released (FA)$

Heat of formation is equal to - er The overall energy change (rettra-

Eionic = (IPJc - (EA)a - et | Here e i-s ionic.

Charge on ct and a and re and re and reionic readi

For Stable compand, we get

b) (IPE - (EA) a should be negative

I The ionisation potential of metal should be low

1) The electron offinity of the non-metal should be high

m) The lattice energy of the compound formed should be high,