

Periodic Table and Periodicity

Sr	Questions	Answers Choice
1	Electron affinity of fluorine in kJmol^{-1} is	A. -328 B. 328 C. -330 D. -340
2	In which period and group you will place the element which is an important part of the solar cell?	A. Third period and Sixth a group Group 16 B. Third period and fourth A group Group 14 C. Second period and fourth A group Group D. Third period and fifth A group Group 15
3	Main group elements are arranged ingroups.	A. 7 B. 6 C. 8 D. 10
4	The minimum amount of energy which is required to remove an electron from valence shell of the gaseous state of an atom is called.	A. Potential energy B. Ionization energy C. Electron affinity D. Electronegativity
5	4th and 5th period of the long form of periodic table are called.	A. Short periods B. Normal periods C. Very long periods D. Long periods
6	The ability of an atom to attract the shared pair of electrons towards itself in a molecule is called	A. Ionization energy B. Electronegativity C. Shielding effect D. Electron affinity
7	Atomic number of lanthanum is	A. 57 B. 58 C. 59 D. 60
8	Electronegativity of oxygen is.	A. 3,1 B. 3,3 C. 3,4 D. 3,2
9	Number of periods in the periodic table are.	A. 7 B. 8 C. 5 D. 16
10	All metals bear	A. Positive charge B. Negative charge C. Both a and b D. None of these
11	Group number tells about the	A. Number of shells B. Number of valence electrons C. Both a and b D. None of these
12	Unit of electron affinity is.	A. kJ mol^{-1} B. kJ mol C. pm D. Newton
13	The element having less value of ionization energy and less value of electron affinity is likely to belong to.	A. Group 1 B. Group 13 C. Group 16 D. Group 17
14	Which one of the following halogens has lowest electronegativity	A. Iodine B. Chlorine C. Fluorine D. Bromine

15	When we move from top to bottom in a group atomic size.	A. Decrease B. Increases C. First increases then decreases D. None of the above
16	Actinides belong to period.	A. 4th B. 5th C. 6th D. 7th
17	Point out the incorrect statement about electron affinity	A. It decreases in a period B. It decreases in a group C. It is measured in kJ mol^{-1} D. None of these
18	Elements of group 13 to 18 have their valence electrons in which subshell	A. s B. p C. f D. d
19	Which halogen element exists in a liquid state at room temperature	A. Bromine B. Chlorine C. Fluorine D. Iodine
20	A yellow solid element exists in allotropic forms which is also present in fossil fuel. Indicate the name	A. Iodine B. Carbon C. Sulphur D. Aluminium