

ECAT Chemistry Chapter 12 Periodic Classification of Elements and Periodicity

Sr	Questions	Answers Choice
1	First of all, idea of groups and periods was introduced by:	A. Al-Razi B. Dobriener C. Newland D. Mendeleev
2	Hydration energy depends upon:	A. Change of Ion B. Size of Ion C. Charge to size ratio D. Heat changes
3	Hydrides are:	A. Ionic B. Covalent C. Intermediate D. All above
4	Ionization energy of sodium is (Kj/mol)	A. 503 B. 523 C. 513 D. 524
5	The periodic function of properties of elements is their atomic number	A. Al-Razi B. Mosley C. Newland D. Mendeleev
6	the element not known till Mandleep tabulated his periodic table:	A. Carbon B. Hydrogen C. Aluminum D. Germanium
7	Properties of metal are:	A. Malleable and ductile B. Form basic oxides C. Tamish in air D. All are true
8	Periodic law was given by:	A. Al-Razi B. Dobriener C. Newland D. Mendeleev
9	Period Number 6 contains elements in it:	A. 2 B. 8 C. 18 D. 32
10	Electron affinity value from higher to heavier element:	A. Increase B. Decreases C. remains same D. Not effect
11	Mendeleev gave his periodic law in the year:	A. 1829 B. 1864 C. 1871 D. 1913
12	Oxidation state of an element in free state is:	A. Its numebr of elemtrons lost B. Its number of electrons gained C. zero D. Its number of electrons shared
13	Dobriener's was a scientist:	A. Russian B. German C. English D. French
14	Mark the correct statement:	A. All lanthanides are present in the same period. B. all halogens are present in he same period. C. All the alkali metals are present in the same group. D. All the noble gases are present in the same period.

15	Newland said, every eight element repeats properties of element:	A. 1st B. 2nd C. 3rd D. 4th
16	Element with higher oxidation state form oxides:	A. Acidic B. Basic C. Amphoteric D. Peroxides
17	Newland's gave law:	A. Triad's law B. Octaves law C. Period law D. Modern periodic law
18	Oxidation state of boron, aluminium and gallium is:	A. +1 B. +2 C. +3 D. +5
19	Dobereiner gave his law in the year:	A. 1829 B. 1864 C. 1871 D. 1931
20	E.N. Value of fluorine is:	A. 2.1 B. 2.5 C. 3.5 D. 4.0