

ECAT Chemistry Chapter 12 Periodic Classification of Elements and Periodicity

Sr	Questions	Answers Choice
1	Which group elements are the least metallic in nature?	A. IV-A B. V-A C. VI-A D. VII-A
2	Hydrides are:	A. Ionic B. Covalent C. Intermediate D. All above
3	There were seven groups in periodic table proposed by:	A. Al-Razi B. Dobriener C. Newland D. Mendeleev
4	Mendeleev gave his periodic law in the year:	A. 1829 B. 1864 C. 1871 D. 1913
5	Periodic law was given by:	A. Al-Razi B. Dobriener C. Newland D. Mendeleev
6	the element not known till Mandleev tabulated his periodic table:	A. Carbon B. Hydrogen C. Aluminum D. Germanium
7	Ionization energy of sodium is (Kj/mol)	A. 503 B. 523 C. 513 D. 524
8	Dobriener's was a scientist:	A. Russian B. German C. English D. French
9	Hydration energy depends upon:	A. Change of Ion B. Size of Ion C. Charge to size ratio D. Heat changes
10	Sodium belongs to block of periodic table:	A. S-Block B. p- block C. d- block D. f- block
11	Properties of metal are:	A. Malleable and ductile B. Form basic oxides C. Tamish in air D. All are true
12	E.N. Value of fluorine is:	A. 2.1 B. 2.5 C. 3.5 D. 4.0
13	Electron affinity value from higher to heavier element:	A. Increase B. Decreases C. remains same D. Not effect
14	The periodic function of properties of elements is their atomic number	A. Al-Razi B. Mosley C. Newland D. Mendeleev
15	Modern Periodic table is based upon periodic function:	A. Atomic mass B. Mass number C. Nuclide Number D. Atomic number

16 Newland gave his law in the year:
A. 1829
B. 1864
C. 1871
D. 1913

17 Binary compounds of hydrogens are called:
A. Halides
B. Hydrides
C. Oxides
D. Nitrides

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 Mark the correct statement:
A. All lanthanides are present in the same period.
B. all halogens are present in the same period.
C. All the alkali metals are present in the same group.
D. All the noble gases are present in the same period.
