# ECAT Chemistry Chapter 12 Periodic Classification of Elements and Periodicity

| Sr | Questions | Answers Choice |
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| 1 | Properties of metal are: | A. Malleable and ductile<br>B. Form basic oxides<br>C. Tamish in air<br>D. All are true |
| 2 | Element with higher oxidation state form oxides: | A. Acidic<br>B. Basic<br>C. Ampholetic<br>D. Peroxides |
| 3 | Electron affinity value from higher to heavier element: | A. Increase<br>B. Decreases<br>C. remains same<br>D. Not effect |
| 4 | Mendeleev was a scientist: | A. Russioan<br>B. German<br>C. English<br>D. French |
| 5 | Period Number 6 contains elements in it: | A. 2<br>B. 8<br>C. 18<br>D. 32 |
| 6 | Dobriener's was a scientist: | A. Russian<br>B. German<br>C. English<br>D. French |
| 7 | Dobereiner gave his law in the year: | A. 1829<br>B. 1864<br>C. 1871<br>D. 1931 |
| 8 | Mendeleev gave his periodic law in the year: | A. 1829<br>B. 1864<br>C. 1871<br>D. 1913 |
| 9 | Mark the correct statement: | A. All lanthanides are present in the same period.<br>B. all halogens are present in he same period.<br>C. All the alkali metals are present in the same group.<br>D. All the noble gases are present in the same period. |
| 10 | Law of octaves was given by: | A. Al-Razi<br>B. Dobriener<br>C. Newland<br>D. Mendeleev |
| 11 | Hydrides are: | A. Ionic<br>B. Covalent<br>C. Intermediate<br>D. All above |
| 12 | The periodic function of properties of elements is their atomic number | A. Al-Razi<br>B. Mosley<br>C. Newland<br>D. Mendeleev |
| 13 | Scientist(s) made contributions in the field designing a periodic table | A. Newland<br>B. Dobriener<br>C. Mendeleev & Mosley<br>D. All of these |
| 14 | Modern Periodic table is based upon periodic function: | A. Atomic mass<br>B. Mass number<br>C. Nuclide Number<br>D. Atomic number |

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| 15 | First of all, idea of groups and periods was introduced by: | A. Al-Razi<br>B. Dobriener<br>C. Newland<br>D. Mendeleev |
| 16 | Newland's gave law: | A. Triad's law<br>B. Octaves law<br>C. Period law<br>D. Moderen periodic law |
| 17 | Law of triads was given by: | A. Al-Razi<br>B. Dobriener<br>C. Newland<br>D. Mendeleev |
| 18 | Ionization energy of sodium is (Kj/mol) | A. 503<br>B. 523<br>C. 513<br>D. 524 |
| 19 | Binary compounds of hydrogens are called: | A. Halides<br>B. Hydrides<br>C. Oxides<br>D. Nitrides |
| 20 | Newland said, every eight element repeats properties of element: | A. 1st<br>B. 2nd<br>C. 3rd<br>D. 4th |