

## Periodic Table

1. What are S and P block elements? Mention the main characteristics of S & P block elements? (3) 2016
2. Define ionization energy. The first ionization energy of nitrogen is higher than of oxygen explain. (3) 2014
3. How does atomic radius change as you move (a) from left to right across the period (b) from top to bottom in a group. (2) 2014
4. What is mean by electron affinity? Arrange the following elements in order of their increasing electron affinity. (2) 2015

Or

- ❖ What is periodic law? Discuss classification of the elements on the basis of electronic configuration of their atoms. (3.75) 2013
5. What is covalent radius?  $\text{Na}^+$  is smaller in size than  $\text{F}^-$  though both are isoelectronic. (2.5) 2013
  6. What is electronegativity? (1) 2013
  7. Position of hydrogen in the periodic table. N/M
  8. Modern periodic law? N/M