

- 1) For an element with an atomic number 19 the most probable type of bonding is covalent.
 - a) True
 - b) False

- 2) Beta emission of Rn result to the formation of Pb.
 - a) True
 - b) False

- 3) If an electron is on 3d atomic orbital, $l = 2$
 - a) True
 - b) False

- 4) CO_2 is a non-polar molecule.
 - a) True
 - b) False

- 5) Isotopes have the same atomic number but different mass number.
 - a) True
 - b) False

- 6) The transition *gas/liquid* is called sublimation.
 - a) True
 - b) False

- 7) In the periodic table the atomic size increases from left to right.
 - a) True
 - b) False

- 8) The oxidation number of Ni in the complex $K [Ni(OH)SO_4]$ is +2.
 - a) True
 - b) False

- 9) Alpha particles are actually protons and are positively charged.
 - a) True
 - b) False

- 10) Sugar water solution will have higher boiling point than table salt water solution.
 - a) True
 - b) False