NEET Predicted Question Paper 2024 Chemistry

- What fraction of one edge centred octahedral void lies in one unit cell of fcc?
- The equilibrium concentrations of the species in the reaction A + B + C + D are 2, 3, 10 and 6 mol L 1, respectively at 300 K. AG° for the reaction is (R = 2 cal / mol K)
- Pumice stone is an example of?
- The number of n bonds, u bonds and lone pair of electrons in pyridine, respectively are?
- Taking stability as the factor, which one of the following represents correct relationship?
- The relation between np, (np = the number of permissible values of magnetic quantum number (m)) for a given value of azimuthal quantum number (I), is
- Given below are two statements :

  Statement I : The nutrient deficient water bodies lead to eutrophication.
  Statement II : Eutrophication leads to decrease in the level of oxygen in the water bodies.
  In the light of the above statements, choose the correct answer from the options given below :
- Which complex compound is most stable?
- Which of the following statements are INCORRECT?

  A. All the transition metals except scandium form MO oxides which are ionic.
  B. The highest oxidation number corresponding to the group number in transition metal oxides is attained in Sc2O3 to Mn2O7
  C. Basic character increases from V2O3 to V 2 4 TO V 2‘ 5’ dissolves in acids to give V0 salts.
  D. CrO is basic but Cr2O3 is amphoteric