**Assignment 2**

1. Define gravitational field intensity.
2. Is NaCl a neutral salt, why?
3. Define gangalion.
4. What is metamorphosis?
5. What is tetany?
6. Name the parts of stamen.
7. What is toricellian vaccum?
8. Write the phenotype and genotype ratio of monohybrid cross till F2 generation by Mandel.
9. It is easy to rise 1kg of mass rather than 2kg of mass on the surface of Earth, why?
10. If the specific heat capacity of a substance A is half of substance B, which should have higher temperature if both are heated equally by 4200J and why?
11. Alfred uses the spectacles of -1.25D. What type of lens does he use? What type of defect does he suffer from? Find the focal length of his lens. What is the power of lens?
12. Na metal is kept in wax or kerosene, why?
13. What kind of plants are propagated by grifting, layering, and tissue culture?
14. Draw the labelled diagram of lab preparation of pungent smelling gas? Provide the chemical reaction involved. What happened when the CO2 is passed for the short and the long time in lime tower? Provide the chemical reaction involved.
15. On the basis of position of centromere, how many types of centromere are there? Explain with the help of diagram for each.
16. Write down the position and hormone secreted by following endocrine glands: Pancreas, Thyroid and Adrenal.