

1. Give the functions of major physiological ions used as electrolyte in the replacement therapy. Give the composition and uses of Oral rehydration salt.(March 2018 10m)
2. Define antacid and gives a brief note on combination of antacids. .(September 2018 5m)
3. Briefly describe physiological acid base balance. (September 2018 5m)
4. Explain the methods of adjusting isotonicity(September 2018 5m)
5. Write about the preparation, assay and uses of calcium gluconate. (September 2018 5m)
6. What are buffers? Give the types of buffers, preparation and stability of buffers used in pharmaceutical substances (March 2018 5m)
  - a) Write about role of fluoride in the treatment of dental caries.
  - b) Write a note on Zinc eugenol cement. (September 2018 10m)