

QP CODE: 111006

Reg. No:

First Year B.Pharm Degree Supplementary Examinations June 2019

Pharmaceutical Chemistry - I

(Inorganic & Physical Chemistry)

(2012 Scheme)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Write equations wherever necessary.

Essay

(3x10=30)

1. What do you mean by a radioactive isotope and radioactive contrast medium.
Discuss the units, measurement, storage and clinical applications of radio pharmaceuticals
2. Classify antacids. Specify the advantages of combination therapy. Add a note on aluminum hydroxide gel and magnesium hydroxide.
3. What is the role of fluorides as anti-caries agents. Add a note on dentifrices.

Short notes

(14x5=70)

4. Limit test for iron.
5. Pharmacopoeia.
6. Adsorbents.
7. Zinc oxide and Talc
8. Method of preparation, assay and uses of boric acid.
9. What is the physiological role of potassium and phosphate.
10. Assay procedure of oxygen and nitrogen.
11. Trace ions, zinc and sulphur.
12. Sodium compounds as pharmaceutical aids.
13. What is sedative and add a note on compound having the sedative property.
14. Sclerosing agents
15. Chlorides of sodium and calcium utilized for replacement therapy.
16. Explain the compounds, penicillamine and 1,10 phenanthroline.
17. Debye-Huckel theory.
