

(LN 2007)

SEPTEMBER 2018

Sub. Code: 2007

B.PHARM. DEGREE EXAMINATION
PCI Regulation SEMESTER – I
FIRST YEAR
PAPER IV – PHARMACEUTICAL INORGANIC CHEMISTRY

Q.P. Code: 562007

Time: Three hours

Maximum: 75 Marks

I. Elaborate on: Answer any TWO questions. (2 x 10 = 20)

1. a) Write the principle and reaction involved in the limit test for Iron.
b) Write a note on Indian Pharmacopoeia.
2. a) Write about role of fluoride in the treatment of dental caries.
b) Write a note on Zinc eugenol cement.
3. a) Define and classify antimicrobial with example.
b) Write about the preparation, assay and uses of chlorinated lime.

II. Write notes on: Answer any SEVEN questions. (7 x 5 = 35)

1. Explain the methods of adjusting isotonicity.
2. Write about the preparation, assay and uses of calcium gluconate.
3. Explain the principle and reaction involved in the limit test for lead.
4. Define alum and gives the formula, properties and uses of potash alum.
5. Write a note on Sodium iodide - ^{131}I .
6. Write about the preparation, assay and uses of copper sulphate.
7. Define antacid and gives a brief note on combination of antacids.
8. Briefly describe physiological acid base balance.
9. Discuss about measurement of radio activity.

III. Short answers on: Answer ALL questions. (10 x 2 = 20)

1. Define Haematinics and give example.
2. Write the formula and uses of potassium chloride.
3. Define emetics and give one example.
4. Define Half life period.
5. Principle of limit test for sulphate.
6. Write the principle involved in assay of ammonium chloride.
7. Define astringent and give example.
8. Write about Poison.
9. Define buffer capacity.
10. Write the composition of oral rehydration salt?