

(LG 4251)

FEBRUARY 2015

Sub Code: 4251

**B.PHARM. EXAMINATION
FIRST YEAR
PAPER I – PHARMACEUTICAL INORGANIC CHEMISTRY**

Q.P. Code: 564251

Time: Three hours

Maximum: 100 marks

I. Essays:

(2 x 20 = 40)

1. a) Define Radio activity and write a note on preparation, identification tests and use of any two radio pharmaceuticals.
b) Describe about the limit test for Chloride and Sulphate.
2. a) Explain about antidotes.
b) Write about any two pharmaceutical aids.

II. Short notes:

(8 x 5 =40)

1. Write the preparation, properties and assay of Bleaching powder.
2. Give an account on anti-caries agents.
3. Write about oral rehydration salt.
4. Give short notes on Talc.
5. Write a note on Combination of antacids.
6. Write about Indian Pharmacopoeia and monograph
7. Write about the limit test for Iron.
8. Give an account on 1,10 phenanthroline and penicillamine.

III. Short answers:

(10 x 2 =20)

1. Define Molarity.
2. Write the composition of Ringers solution.
3. Give the preparation and use of selenium Sulphide.
4. Define covalent bond.
5. Give an example of any two calcium compounds and its used.
6. Give the Storage condition for nitrous oxide.
7. Boric acid + Glycerol ----->
8. Define the term Ligand.
9. What is the use of lead acetate cotton wool in the limit test for arsenic?
10. Write the identification test for Sulphate.
