

Roll No.

--	--	--	--	--	--	--	--	--	--

Total No. of Pages : 02

Total No. of Questions : 13

B.Pharma (2017 & Onwards) (Sem.-1)
PHARMACEUTICAL INORGANIC CHEMISTRY

Subject Code : BP-104T

M.Code : 74647

Time : 3 Hrs.

Max. Marks : 75

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.
3. SECTION-C contains NINE questions carrying FIVE marks each and students have to attempt any SEVEN questions.

SECTION-A**1. Write in brief about the following :**

- (a) Define Acid in term of bronsted concept.
- (b) What is lugol solution?
- (c) Define isotonic solution.
- (d) What is antidote for cyanide poisoning?
- (e) What are the uses of zinc sulphate solution?
- (f) What is bentonite?
- (g) What is radioactivity?
- (h) Write composition and uses of Zinc eugenol cement.
- (i) Define the purpose of limit test.
- (j) What are acidifiers?





SECTION-B

2. Write detailed note on sources and types of impurities in pharmaceutical substances.
3. Discuss briefly about physiological acid base balance. Explain oral rehydration salt.
4. Write in detail limit test for iron and arsenic.

SECTION-C

5. Write in detail about precautions and pharmaceutical applications of radioactive substances.
6. What are expectorant and emetics?
7. Give an account on antacids. Describe the preparation of sodium bicarbonate.
8. Briefly describe about role of fluorides in the treatment of dental caries.
9. Discuss mechanism and classification of antimicrobials. Give preparation of hydrogen peroxide.
10. Discuss principle and method involved in limit test for lead.
11. What are Hematinics? Discuss pharmacopoeial assay of ferrous sulphate.
12. Discuss functions of major physiological ions.
13. Write down brief note on history of pharmacopoeia.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

