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Total No. of Pages : 02

Total No. of Questions : 22

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**

Briefly write about the following :

- Q1. Modified limit test for chloride
- Q2. Pharmaceutical buffers
- Q3. Iodine and its preparations
- Q4. Oral rehydration salt
- Q5. Assay of sodium bicarbonate
- Q6. Medicinal uses of chlorinated lime
- Q7. Mechanism of antimicrobial agents
- Q8. Ammonium chloride as an expectorant
- Q9. Activated charcoal
- Q10. Storage conditions of radioactive substances

## SECTION-B

- Q11. Enlist major intra- and extra-cellular electrolytes? Describe electrolytes used in replacement therapy.
- Q12. What are the ideal properties of an antacid? Discuss how combination of antacids is useful? Write down the properties and medicinal uses of Magnesium hydroxide mixture.
- Q13. What do you mean by radioactivity? How it is measured? Discuss the pharmaceutical applications of radioactive substances.

## SECTION-C

- Q14. Discuss any two antidotes used for cyanide poisoning.
- Q15. What do you understand by 'Limit Test'. Discuss its importance. Describe the principle and method involved in the limit test for lead.
- Q16. Discuss the role of fluoride in the treatment of dental caries.
- Q17. Briefly write history of Pharmacopoeia.
- Q18. Write properties and medicinal uses of Bentonite.
- Q19. Give the mechanism of action of antimicrobial agents.
- Q20. Explain the cathartic action of Magnesium sulphate.
- Q21. Write a note on desensitizing agents.
- Q22. What are Astringents? Discuss the properties and medicinal uses of Potash Alum.

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.