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Total No. of Pages : 02

Total No. of Questions : 13

B.Pharma (Sem.-1)
PHARMACEUTICAL INORGANIC CHEMISTRY

Subject Code : BP-104T

M.Code : 74647

Date of Examination : 17-01-2023

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) Which chemical reaction involved in limit test for lead.
- (b) Write medicinal uses of lugol solution.
- (c) What is buffer capacity?
- (d) What is antidote for cyanide poisoning?
- (e) What are the medicinal uses of magnesium hydroxide mixture?
- (f) What is Kaolin?
- (g) What are the qualities of an ideal antacid?
- (h) Write composition and uses of Zinc eugenol cement.
- (i) Define the significance of limit test.
- (j) Name two medicinally important acidifiers.

SECTION-B

2. Enumerate various sources and types of impurities in pharmaceutical substances.
3. Write detailed note on Oral Rehydration Salt (ORS) and combination of antacids.
4. Discuss terminology and mechanism action of antimicrobials and astringents.

SECTION-C

5. Write about precautions and pharmaceutical applications of radioactive substances.
6. What are expectorant and emetics? Give two examples from each category.
7. Describe the method of preparation and uses of sodium bicarbonate.
8. Briefly describe about role of fluorides in the treatment of dental caries.
9. Discuss principle and chemical reaction involved in limit test for chloride.
10. What are the various methods to measure the tonicity?
11. Define the term heamatinics with uses and give two specific examples.
12. What are cathartics? Write in detail about sodium orthophosphate.
13. Give an account on physiological acid base balance.

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.