

SEMESTER EXAMINATION-2021
CLASS – B. PHARM- IST SEM
SUBJECT-
PAPER NAME:- PHARMACEUTICAL INORGANIC CHEMISTRY
PAPER CODE: BP-104T

Time: 3 hour

Max. Marks: 75

Min. Pass: 40%

Note: Question Paper is divided into two sections: **A and B**. Attempt both the sections as per given instructions.

SECTION-A (SHORT ANSWER TYPE QUESTIONS)

Instructions: Answer any five questions in about 150 words each. Each question carries seven marks. (5 X 7 = 35 Marks)

Question-1: Write the principle for limit test of sulphate.

Question-2: Write the methods of preparation and uses of following

a). Dil. HCl b). Sodium chloride

Question-3: Write the short note on any two

a). Kaolin b). Sodium orthophosphate c). calcium carbonate

Question-4: Write the definition and ideal properties of antacids.

Question-5: Explain the different mechanism of antimicrobials.

Question-6: Define the Lowry and Bronsted concept of acid and base with the help of Suitable examples.

Question-7: What is buffer solution? Give the criteria's for ideal buffer.

Question-8: Write the short notes on the following.

Question-9: Write a note on any two.

a). Potassium iodide b). Ferrous gluconate c). Potash Alum

Question-10: Explain the properties of Alpha and Gamma rays.

SECTION-B (LONG ANSWER TYPE QUESTIONS)

Instructions: Answer any FOUR questions in detail. Each question carries 10 marks. (4 X 10 = 40 Marks)

Question-1: Write a note on antacids.

Question-2: Discuss the sources of impurities in the inorganic pharmaceutical substances.

Question-3: Give the limit test for the Arsenic.

Question-4: Write note on Astringents.

Question-5: Write the methods of preparation, properties and uses of Boric acid and Hydrogen peroxide.

Question-6: Discuss the Desensitizing agents and Zinc eugenol cement.

Question-7: Write the short note on ORS.

Question-8: Discuss the GM method of measurement of radioactivity.