

BP-104T

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ODD SEMESTER EXAMINATION , 2022-23

COURSE NAME :- B.PHARM

SEMESTER- IST

SUBJECT :- PHARMACEUTICAL INORGANIC CHEMISTRY

TIME: 3 HOURS

MAX MARKS:75

NOTE: Attempt all questions.

(2x10)

PART A

Short answer type question (Answer all Questions)

1. Define expectorant with example.
2. Name a device that is used in the limit test of arsenic?
3. Sodium chloride is used as.....
4. ORS stands for.....
5. Emetics are used to produce.....
6. Define buffer with its types?
7. Define acid and base according to Arrhenius concept?
8. Demonstrate two properties of alpha particles.
9. Two uses of activated charcoal.
10. Molecular formula of sodium thio sulphate and sodium nitrite.

PART B

LONG ANSWER TYPE QUESTION (Answer any Two Questions) (10x2)

11. Plan the method of Preparation, properties and uses of Sodium Nitrite and Sodium Thiosulphate.
12. Explain in detail about antimicrobial agents with preparation and uses of Boric acid hydrogen peroxide.
13. Summarize physiological acid base balance in body in details.

PART C

Short Answer Question (Answer any seven question) (5x7)

14. Define Expectorant with its classification and name any two inorganic compounds which are used as Expectorant.
15. Interpret Antidote with its classification in detail.
16. Describe the principle and procedure involved in the limit test for iron.
17. Discuss the method of Preparation, properties and uses of Zinc Sulphate.
18. Illustrate the preparation, assay and medicinal uses of ferrous sulphate with a term haematinics agent.
19. Explain and classify buffer with buffer capacity.
20. Summarize a note on Electrolyte use in replacement therapy.
21. Define radioactivity and the pharmaceutical uses of radioisotopes.
22. Explain impurities and sources of impurities in pharmaceutical sciences.