Roll No.   2112

Pharmacy

Subject : Pharmaceutical Chemistry - 1

Time : 3 Hrs.   M.M. : 80

SECTION-A

Note: Objective type questions. All questions are compulsory   (10x1=10)

Q.1   Write the General Formula of Borax.

Q.2   Define Dentifrices.

Q.3   Mention the Antacid salt which may cause constipation.

Q.4   Mention the use of Zinc Oxide.

Q.5   Define the term Achlorhydria.

Q.6   Define the term emetics.

Q.7   Mention two extracellular ions used as Electrolytes.

Q.8   Define the term Antidotes.

Q.9   Why Nitric acid is added in the limit test of chloride?

Q.10   How do Astringents Act?

SECTION-B

Note: Very short answer type questions. Attempt any five questions out of seven questions.   5x3=15

Q.11   Mention the Classification of Non Systemic Antacids.

Q.12   Mention the uses of Potassium Permangnate.

Q.13   Mention the classification of Antidotes.

Q.14   Mention role of extracellular ion Sodium.

Q.15   Mention uses of Zinc Chloride.

Q.16   Mention the identification test for Bicarbonate (Anion)

Q.17 Write a brief note on Buffers.

SECTION-C

Note: Restricted response questions of 5 marks each out of which 5 are to be attempted. 5x5=25

Q.18 Write a note on preparation, Properties and uses of Hydrogen Peroxide.

Q.19 Write a brief note on Classification and uses of electrolytes.

Q.20 Write a note on preparation, properties and uses of Nitrous Oxide.

Q.21 Write a brief note on Expectorants.

Q.22 Write a brief note on official compound of iron.

Q.23 Mention the principle of limit test of chloride.

Q.24 Write a note on preparation, properties and uses of Aluminium Hydroxide Gel.

SECTION-D

Note: Extended response or Essay type questions of 10 Marks each out of which 3 questions to be attempted. 3x10=30

Q.25 Write a detail note on sources of impurities in Pharmaceuticals.

Q.26 Explain the limit test of arsenic with Diagram, principle and procedure.

Q.27 Write a detail note on calcium containing Antacids.

Q.28 Define the term Radiopharmaceuticals Mention their Biological effects and applications.