

[Total No. of Questions - 9] [Total No. of Printed Pages - 2]
(2125)

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B. Pharmacy 1st Semester Examination
Pharmaceutical Chemistry-I (Inorganic Chemistry) (CBS)
BP-101

Time : 3 Hours

Max. Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt one question from each section A, B, C & D. Question no. 9 section E is compulsory. All question carry equal marks. Attempt 5 questions.

SECTION - A

1. Define Limit test. Describe the limit test for Arsenic. (12)
2. Enlist the pharmaceutical importance of essential and trace elements. Write a note on Iron and haematinics. (12)

SECTION - B

3. Write a detailed note on electrolytes combination therapy. (12)
4. Classify Gastro intestinal agents. Discuss Antacids with suitable examples. (12)

SECTION - C

5. Define Astringents. Describe the method of preparation, uses, sources of impurities, tests for purity and identity of Alum. (12)
6. Write a detailed note on Dentifrices. (12)

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SECTION - D

7. Write down a note on following (any two)–
(a) Anesthetics (b) Expectorants (c) Emetics (12)
8. Classify Pharmaceutical aids. Write a note on Preservatives and colorants. (12)

SECTION - E

9. Define the following (Any twelve)–
(a) Chelating agents.
(b) Mineral supplements.
(c) Suspending agents.
(d) Cathartics.
(e) Acidifying agents.
(f) Antidote.
(g) Sedatives.
(h) Protectives.
(i) Anti-caries agents.
(j) Respiratory stimulants.
(k) Sclerosing agents.
(l) Diluents.
(m) Adsorbents.
(n) Antioxidants. (12×1=12)