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16359(D) - 0 DEC 2016

B. Pharmacy 1st Semester Examination
Pharmaceutical Inorganic Chemistry (NS)
BP-111

Time : 3 Hours

Max. Marks : 70

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 :** (i) Attempt any two questions from Section-A, any eight questions from Section-B.
(ii) Attempt all questions from Section-C.

SECTION - A

1. Discuss Essential and Trace Elements. Write an account on Iron and Haematinics. (10)
2. Classify gastro intestinal agents. Write down methods of preparation, uses, sources of impurities, tests for purity and identity of Antacids. (10)
3. Define limit tests. Discuss the principles and method of limit test of following (any two) (i) Iron (ii) Lead (iii) Sulphate. (10)

SECTION - B

4. Write a note on Electrolytes used for replacement therapy. (5)
5. Define Intra-and Extra-cellular electrolytes with suitable examples. (5)
6. Discuss the pharmaceutical importance of mineral supplements. (5)
7. Discuss Astringents as topical agents. (5)

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8. Write a note on methods of preparation and uses of protectives. (5)
9. Write a brief note on Anesthetics. (5)
10. Write a note on Dentifrices. (5)
11. Discuss EDTA as chelating agent. (5)
12. Discuss methods of preparation and uses of Poison and Antidotes. (5)
13. Discuss preservatives as pharmaceutical aid. (5)

SECTION - C

14. Write a brief note on following (Any five):
 - (a) Emetics.
 - (b) Sedatives.
 - (c) Antioxidants.
 - (d) Colorants.
 - (e) Anti-caries agents.
 - (f) Respiratory stimulants. (2×5=10)