

KATHMANDU UNIVERSITY
End Semester Examination
February/March, 2018

MAR 06 2018

Level : B. Pharm.
Year : II
Time : 2 hrs. 30 mins.

Course : PHAR 216
Semester : I
F. M. : 55

SECTION "B"

[5Q × 3 = 15 marks]

Attempt *ANY FIVE* questions.

1. What is limit test? Write the principle and procedure for the limit test of Chloride.
2. Give method of preparation for boric acid.
3. Give roles of potassium and sodium in human body.
4. What are systemic and non-systemic antacid? Give examples.
5. How do you perform assay of ammonium chloride?
6. Give chemical formula, properties and uses of Talc.
7. Discuss on acidifying agent.

SECTION "C"

[5Q × 5 = 25 marks]

Attempt *ANY FIVE* questions.

8. What are saline cathartics? Give the preparation procedure for magnesium sulphate.
9. Define antidote. Give preparation method and properties of sodium nitrite.
10. Give an assay method for Calcium hydroxide.
11. With well labeled diagram give the theory, principle and procedure for arsenic limit test.
12. What is expectorant? Give the method of assay for Potassium iodide with principle.
13. How is iodine prepared from its sources? Give its reactions. Mention its pharmaceutical uses.
14. Describe in brief respiratory and metabolic acidosis and alkalosis.

SECTION "D"

[2Q. × 7.5 = 15 marks]

Attempt *ANY TWO* questions.

15. What is gastrointestinal agent? Describe mechanism of action, properties, assay, and uses of aluminum hydroxide gel.
16. What are essential and trace ions? Discuss absorption, distribution, physiological role of official compound of iron.
17. Give monograph standard, preparation, properties, reactions and identification test for Sodium hydroxide.

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