

Marks Scored:

KATHMANDU UNIVERSITY
End Semester Examination
February/March, 2019

Level: B. Pharm.

Year : II

Exam Roll No. :

Time: 30 mins.

Course : PHAR 216

Semester : I

F. M. : 20

Registration No.:

Date 05 MAR 2019

SECTION "A"

[20 Q. × 1=20 marks]

- ZnO is used as agent.
a. protective b. astringent c. both (a) & (b) d. antidote
- In gastrointestinal tract, inorganic agents are used for which of the following purposes?
a. for altering gastric pH b. for treating initial inflammation
c. adsorbents for intestinal toxins d. all of the mentioned
- Cathartics are the drugs used to
a. relieve acidity b. relieve constipation
c. reduce gastrointestinal irritations d. relieve from pain
- Replacement therapy is needed in which of the following conditions?
a. heavy loss of water b. prolonged fever
c. diarrhea d. all of the mentioned
- Anemia can be caused by.....
a. excessive blood loss b. excessive blood formation
c. both (a) and (b) d. none of the mentioned
- Sodium nitrite is classified as
a. chemical antidote b. physiological antidote
c. mechanical antidote d. all the mentioned
- The chemical name of the Epsom Salt is
a. Hydrogen peroxide b. Silver nitrate
c. Magnesium sulphate d. Ammoniated mercury
- AgNO₃ is used in the limit test for
a. Chloride b. Sulphate c. Arsenic d. Lead
- Calcium Carbonate is assayed by..... titration.
a. Acid base b. Oxidation – reduction
c. Complexiometric d. Precipitation

KATHMANDU UNIVERSITY
End Semester Examination
February/March, 2019

05 MAR 2019

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 are the medicinal uses of selenium sulphide and charcoal?
2. Name one inorganic compound for each of the following functions.
a) Antacid b) Protective c) Anti-microbial
d) Dentifrice g) Expectorant f) Antidote
3. Write short note on Oral Rehydration Solution (ORS).
4. Give the method for preparation of Silver Nitrate.
5. Give the chemical formula, properties and uses of Kaolin.
6. Classify topical agents giving examples.
7. Define emetics. Write on its mechanism of action.

SECTION "C"

[5Q × 5 = 25 marks]

Attempt *ANY FIVE* questions.

8. Write about astringents. Describe the preparation and assay of alum.
9. What are expectorants? Write the preparation and assay of ammonium chloride with principle.
10. What are saline cathartics? Write on their preparation and uses.
11. What are combined antacids? Write the characteristics of ideal antacid preparations.
12. Discuss on antioxidants? Give the characteristics of ideal antioxidant.

13. What are the sources of impurities in pharmaceuticals? Discuss.
14. What is limit test? Write on the principle and procedure for the limit test of Chloride.

SECTION "D"

[2Q × 7.5 = 15 marks]

Attempt *ANY TWO* questions.

15. What are antimicrobials? Classify on the basis of mechanism of action giving examples. Write the preparation, properties and assay of Iodine with principle.
16. Give monograph standard, preparation, properties, reactions, assay and uses of zinc sulphate.
17. What are systemic and non-systemic antacids? Describe preparation, properties, assay and uses of calcium hydroxide.