Printed Pages: 01 **Sub Code: BOP 111**

Paper Id: 150121 **Roll No.** | | | | | | | | | | |

B. PHARM.

(SEM I) THEORY EXAMINATION 2018-19

PHARMACEUTICAL INORGANIC CHEMISTRY- THEORY

Time: 3 Hours ***Total Marks: 100***

Note: 1. Attempt all Sections.

SECTION A

1. Attempt *all* questions in brief. **2 x 10 = 20**

a. Give disadvantage of Systemic antacids.
b. Write the composition and uses of Calamine.
c. Why Povidone- iodine is preferred over iodine as anti-infective agents.
d. Give unit of radioactivity.
e. Define the term acidifying agents.
f. Which compound used as Antidote in cyanide poisoning?
g. Give molecular formula and uses of milk of magnesia.
h. Define Inhalants with suitable examples.
i. Give the molecular formula and uses of Kaolin.
j. Why dilute nitric acid used in the limit test of Chloride?

SECTION B

2. Attempt any *three* of the following: **10 x 3 = 30**

a. Give principle and procedure involved in the Limit test of Chloride and Sulphate.
b. Discuss protective agents with suitable examples.
c. Write in detail about acidifying agents with suitable examples.
d. Explain major intra and extracellular electrolytes.
e. Discuss clinical applications of radiopharmaceuticals.

SECTION C

3. Attempt any *one* part of the following: **10 x 1 = 10**

(a) Discuss in details about acids and bases.
(b) Write in details about water.

4. Attempt any *one* part of the following: **10 x 1 = 10**

(a) Write a note on Anesthetics with suitable examples.
(b) Describe Astringents with suitable examples.

5. Attempt any *one* part of the following: **10 x 1 = 10**

(a) Differentiate between heavy and light Magnesium carbonate
(b) Write a note on Antacids. Give their classification with suitable examples.

6. Attempt any *one* part of the following: **10 x 1 = 10**

(a) Explain mineral supplements in details.
(b) Discuss Haematinics with suitable examples.

7. Attempt any *one* part of the following: **10 x 1 = 10**

(a) Explain various techniques used in the measurement of radioactivity.
(b) Give novel applications of metals in pharmacy.

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