SNS COLLEGE OF PHARMACY AND HEALTH SCIENCES

COIMBATORE-641035

UNIT I - SUB TOPIC: PHARMACEUTICAL ANALYSIS – QUSTION BANK

I. 10 MARK QUESTIONS: -

1. Define pharmaceutical analysis. Explain its scope and discuss different

techniques of analysis.

 JANUARY 2021 (MARCH 2020 SESSION).

2. Describe the preparation and standardization of 0.1N potassium
permanganate and 0.1N ceric ammonium sulphate solutions.

SEPTEMBER 2021 (SEPTEMBER 2020 SESSION).

3. Explain sources of errors, types of errors, and methods of minimizing errors.

DECEMBER 2023 (SEPTEMBER 2023 SESSION)

4. Discuss methods of expressing concentration and their importance in

analysis.

DECEMBER 2023 (SEPTEMBER 2023 SESSION)

5. Explain the preparation and standardization of oxalic acid and sulphuric acid

solutions.

MARCH 2023 (SEPTEMBER 2022 SESSION)

6. Describe the pharmacopoeia, sources of impurities in medicinal agents, and

limit tests.

OCTOBER 2022 (MARCH 2022 SESSION)

II. 5 MARK QUESTIONS: -

1. Methods of expressing concentration in pharmaceutical analysis.

OCTOBER 2024 (SEPTEMBER 2024 SESSION)

2. Primary and secondary standards with examples.

OCTOBER 2024 (SEPTEMBER 2024 SESSION)

3. Preparation and standardization of 0.1N sodium hydroxide solution.

OCTOBER 2024 (SEPTEMBER 2024 SESSION)

4. Sources of impurities in medicinal agents.

 AUGUST 2023 (MARCH 2023 SESSION)

5. Types of errors and significant figures.

JANUARY 2022 (MARCH 2021 SESSION)

6. Pharmacopoeia and its role in analysis.

OCTOBER 2022 (MARCH 2022 SESSION)

7. Preparation and standardization of 0.1N hydrochloric acid.

DECEMBER 2023 (SEPTEMBER 2023 SESSION)

8. Limit tests for heavy metals.

JANUARY 2022 (MARCH 2021 SESSION)

9. Standardization of 0.1N sodium thiosulphate solution.

AUGUST 2023 (MARCH 2023 SESSION)

10. Preparation of 0.1N ceric ammonium sulphate.

SEPTEMBER 2021 (SEPTEMBER 2020 SESSION)

III. 2 MARK QUESTIONS: -

1. Define pharmaceutical analysis.

JANUARY 2021 (MARCH 2020 SESSION)

2. What is a primary standard? Give an example.

SEPTEMBER 2021 (SEPTEMBER 2020 SESSION)

3. Mention two methods of expressing concentration.

DECEMBER 2023 (SEPTEMBER 2023 SESSION)

4. What is accuracy?

OCTOBER 2022 (MARCH 2022 SESSION)

5. Define precision.

JANUARY 2022 (MARCH 2021 SESSION)

6. Name two sources of errors.

7. What are significant figures?

DECEMBER 2023 (SEPTEMBER 2023 SESSION)

8. Define secondary standard.

MAY 2022, DECEMBER 2023 (SEPTEMBER 2023 SESSION)

9. What is pharmacopoeia?

JANUARY 2022 (MARCH 2021 SESSION)

10. Give an example of a limit test.

DECEMBER 2023 (SEPTEMBER 2023 SESSION)

11. What is secondary standard? Give an example.

JANUARY 2022 (MARCH 2021 SESSION)