

Term End External Examination 1st Semester (Session-Feb 2025)

Subject: Skill Enhancement Course

Course No and Title: CHM122S/ Pharmaceuticals and Pharmaceutical Chemistry

Time: 1.15 hours Max Marks:50 Min. Marks:20

Section A: Objective Type Questions

Q1. Choose the appropriate Answer: (4x1.5=06)

i. Which of the following is/are not an API

- A Colouring agent B Perfumes
C Antioxidants D All of the above

ii. In liquid Dosage forms, Ascorbic Acid is used as a/an

- A antioxidant B vehicle
C Complexing agent D Organic dye

iii. Magnesium sulphate is

- A Antacid B Acidifying Agent
C Cathartics D None of the above

iv. Diazepam is used for treatment of

- A Acute Alcohol B seizures
Withdrawal
C Anxiety D All of the above

Section-B: Descriptive Type Questions (Short Type)

Q2: Answer all the Questions (4 x 4 =16)

- i. Why are drugs available in different dosage forms?
- ii. What is the difference between an ointment and a cream?
- iii. Give the procedure of chloride test.
- iv. Discuss with an example topical agents

Section – C: Descriptive Type Questions (Medium Type)

Answer all the questions: (2 x 7=14)

Q3. Elaborate briefly the composition of liquid dosage forms.

OR

Discuss briefly, different types of solid dosage forms.

Q4. Discuss the term “impurities” in pharmaceutical industry. Give the different sources of impurities.

OR

What are topical agents? Give the different inorganic categories of topical agents

Section – D: Descriptive Type Questions (Long Type)

Answer any one of the following: (1 x 14=15)

Q5. What is pharmacopoeia: Discuss salient features of Indian Pharmacopoeia.

Q6. Write a detailed note on Aluminum hydroxide gel as an antacid.