



VIDYA SIRI COLLEGE OF PHARMACY

(A Unit of Kasipathi Educational Trust @ 157/2017 -18)

(Recognized by Government of Karnataka, Affiliated to Pharmacy Council of India, New Delhi & Board of Examining Authority, Drugs Control Department, Government of Karnataka)

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FIRST SESSIONAL EXAM Question Paper (THEORY)

2021-22

Course: D. Pharm

Year: I. D. Pharm

Subject & Subject Code: Pharmaceutical Chemistry

Marks: 40

Date: 17/03/2022

Time: 90 min

Instruction to Candidates:

- 1) Attempt All three Sections
- 2) Draw neatly labeled diagrams wherever necessary.

I. Long Answers (Answer any 3 out of 4 questions) 3 X 5 marks=15 Marks.

1. Write the principle involved in the limit test for Chloride with suitable reaction. Give the procedure, observation, inference and report for pass and fail test.
2. Write a note on sources of impurities.
3. Explain scope and objectives of pharmaceutical chemistry.
4. Add a note on Acid Base titration.

II. Short Answers (Answer any 5 out of 6 questions) 5 X 3 Marks= 15 Marks

1. Write a note importance of Pharmaceutical Chemistry.
2. Define error. Explain the types of errors.
3. Explain the principle involved in non- aqueous titration.
4. Different solvents used in non- aqueous titration with examples.
5. Write the principle involved in the limit test for sulphate with its reaction.
6. Write the atomic mass number for C (carbon), H (Hydrogen) and O (Oxygen)

III. Objective Answers (Answer all 10 out of 10 questions) 10 X 1 Marks = 10 marks

1. Why citric acid is used in limit test for iron
2. Name the standard used in the limit test for iron
3. Define molarity and normality
4. Define primary and secondary standard
5. Define pharmaceutical chemistry
6. What is the titrant and analyte.
7. Explain end point.
8. Give any 2 examples for indicator.
9. What is observation and inference for limit test for Arsenic.
10. Why HCl is used in limit test for Sulphate.

SUBMIT YOUR ANSWERS ON OR BEFORE 4:00PM TODAY to
phchem-2020@vidyasiricop.edu.in