



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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SECOND SESSIONAL EXAM Question Paper (THEORY)

2021-22

Branch: D. Pharm

Year: I. D. Pharm

Subject & Subject Code: Pharmaceutical Chemistry

Marks: 40

Date: 19/05/2022

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. Explain the principle and steps involved in Gravimetric Analysis.
2. Explain principle and classification of Complexometric titration.
3. Define Haematinics. Give Pharmaceutical formulations, market preparations, storage conditions and uses of Ferrous Sulphate.
4. Define Antacid. give Commercial formulations, preparation, storage condition and uses of Aluminium Hydroxide Gel.

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

1. Explain Mohr's Method and Fajan's Method of Precipitation Titration.
2. Give examples of medicinal gases and add a note on Carbon dioxide.
3. Define Denture cleaners, Denture adhesives, Mouth washes and give its commercial Preparations.
4. Write preparation, storage condition and uses of calcium carbonate.
5. Give uses and preparation for Potassium permanganate.
6. Define Protectives and adsorbent. Give example and uses of protectives and adsorbent.

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

1. Give one example for masking and demasking agent.
2. Give an example for self indicator.
3. What are different formulations of Boric acid. Write any 2 brand name.
4. Give one brand name of silver nitrate ointment.
5. Explain first aid steps.
6. Write the composition for Magaldrate.
7. What is the Analyte, titrant and indicator used in Volhard's method.
8. Give 2 examples of antacid syrup with its brand name and content.
9. Give 2 example for iron formulations.



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10. Chemical formula and molecular weight of hydrogen peroxide.

SUBMIT YOUR ANSWERS ON OR BEFORE 3:40PM TODAY to
phchem-2020@vidyasiricop.edu.in