



SHREE H. N. SHUKLA GROUP OF COLLEGES

(AFFILIATED TO SAURASHTRA UNIVERSITY & GTU)

2-Vaishali nagar,
Near amrapali railway crossing,
Raiya road, Rajkot- 360 001.
Ph.No.-(0281) 2440478, 2472590

3-Vaishali nagar, Near
amrapali railway crossing,
Raiya road, Rajkot- 360 001.
Ph.No.-(0281) 2224362

Behind marketing yard,
Near Lalpari lake, Between
Amargadh-Bhichri,
Rajkot- 360 002.
Ph.No. 90990 63150

M.Sc. Chemistry Semester IV (CBSE)

C-404 Medicinal chemistry

Question bank

Prepared by,

Jyoti gohel



SHREE H. N. SHUKLA GROUP OF COLLEGES

(AFFILIATED TO SAURASHTRA UNIVERSITY & GTU)

2-Vaishali nagar,
Near amrapali railway crossing,
Raiya road, Rajkot- 360 001.
Ph.No.-(0281) 2440478, 2472590

3-Vaishali nagar, Near
amrapali railway crossing,
Raiya road, Rajkot- 360 001.
Ph.No.-(0281) 2224362

Behind marketing yard,
Near Lalpari lake, Between
Amargadh-Bhichri,
Rajkot- 360 002.
Ph.No. 90990 63150

Q. Give the answer of each question (Each questions has two marks)

- Q 1. Define combinatorial chemistry.
- Q 2. What is Patents?
- Q 3. Explain polymorphism?
- Q 4. Explain bioisosterism with suitable example.

Q. Give the answer of each question (Each question has three marks)

- Q 1. Explain different tools of combichem techniques.
- Q 2. Explain the synthesis of Merrifield resin for peptide synthesis (chloromethyl group).
- Q 3. Explain Houghton's Tea Bag Procedure for the parallel synthesis.
- Q 4. Explain the synthesis of Heterocyclic synthesis - 1,4-benzodiazepines by combinatorial chemistry.

Q. Give the answer of each question (Each question has five marks)

- Q 1. Explain the light directed parallel synthesis with suitable example.
- Q 2. Explain LDSO, MIC and MEC.
- Q 3. Explain the step involve in the produrg formation.
- Q 4. Explain the recent drug discovery.