



SHREE H. N. SHUKLA GROUP OF COLLEGES

(AFFILIATED TO SAURASHTRA UNIVERSITY & GTU)

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M.Sc. Chemistry Internal/prelims exam

Semester IV C-402 A chemistry of synthetic drug

Time: 1 hour

Date: --/--/----

Total marks: 30

Q 1. Give the answer of following questions (1 marks each)

8 marks

1. Define the term Sedative and Hypnotics.
2. Enlist all generation of Cephalosporin.
3. Enlist disease in which chemotherapeutic agents are employed.
4. What are Anti-HIV agents?
5. Write the synthesis of Rosiglitazone.
6. Explain the term Antibiotics.
7. Define the term Expectorants.
8. Enlist the inorganic compounds used as Diuretic agents.

Q 2. Give the answer of any two following questions (4 marks each)

8 marks

1. Give the classification of gastrointestinal drug with suitable example.
2. Classify anticancer agents.
3. What is anti-asthmatic drug? Write the synthesis of Salbutamol.

Q 3. Give the answer of any Two following questions (7 marks each)

14 marks

1. Classify anti-diarrheal drug and write the synthesis of any two of them.
2. Write the general synthesis of Sulfa drugs and give its application.
3. Give the classification of anti-tubercular agents with its structure.

*****All the Best*****